

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026473.D
 Acq On : 21 Jun 2022 02:11
 Operator : SY/MD
 Sample : N3355-12MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:43:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	189213	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	178564	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	88276	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	71624	4.358	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.584	69	61105	4.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.127	63	133032	4.714	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.931	46	92605	57.748	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.500%
24) Chloroform-d	4.365	84	135122	5.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.200%
26) 1,2-Dichloroethane-d4	5.043	65	53909	5.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.059	84	270075	5.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.200%
36) 1,2-Dichloropropane-d6	6.075	67	76924	5.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.400%
41) Toluene-d8	7.320	98	254724	5.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.000%
43) trans-1,3-Dichloroprop...	7.628	79	17276	3.824	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.091	63	72671	53.248	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50972	5.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	73861	5.432	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	61918	4.377	ug/L	99
3) Chloromethane	1.259	50	70674	4.499	ug/L	98
5) Vinyl chloride	1.326	62	75388	4.616	ug/L	86
6) Bromomethane	1.539	94	32616	3.573	ug/L	100
8) Chloroethane	1.603	64	67695	6.676	ug/L	91
9) Trichlorofluoromethane	1.770	101	109401	4.853	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.133	101	60178	4.603	ug/L	99
12) 1,1-Dichloroethene	2.133	96	60830	5.089	ug/L	92
13) Acetone	2.217	43	65643	52.820	ug/L	90
14) Carbon disulfide	2.310	76	133867	4.542	ug/L	98
15) Methyl Acetate	2.468	43	8488	2.847	ug/L	94
16) Methylene chloride	2.523	84	63825	4.185	ug/L	99
17) Methyl tert-butyl Ether	2.789	73	110422	5.372	ug/L	98
18) trans-1,2-Dichloroethene	2.777	96	60507	5.219	ug/L	96
19) 1,1-Dichloroethane	3.207	63	120821	5.465	ug/L	98
21) 2-Butanone	4.018	43	87447	54.381	ug/L	92
22) cis-1,2-Dichloroethene	3.928	96	67048	5.716	ug/L	94
23) Bromochloromethane	4.265	128	28460	5.718	ug/L	92
25) Chloroform	4.387	83	129764	5.410	ug/L	96

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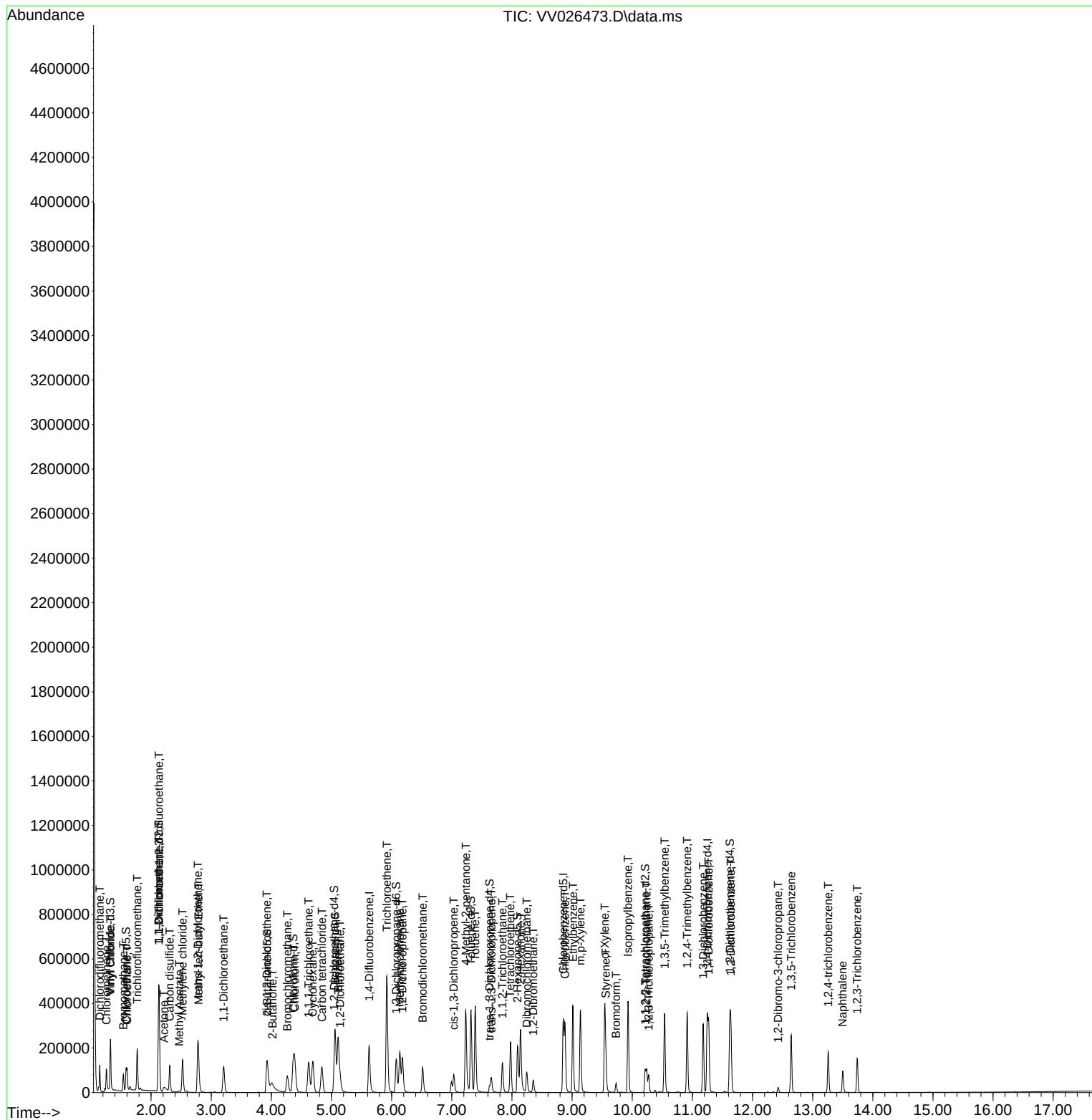
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	58671	5.374	ug/L	100
29) 1,1,1-Trichloroethane	4.619	97	113715	5.764	ug/L	100
30) Cyclohexane	4.690	56	67755	4.591	ug/L	98
31) Carbon tetrachloride	4.841	117	89892	5.379	ug/L	99
33) Benzene	5.111	78	261966	5.722	ug/L	100
34) Trichloroethene	5.921	95	189114	15.131	ug/L	98
35) Methylcyclohexane	6.137	83	74450	4.306	ug/L	99
37) 1,2-Dichloropropane	6.178	63	68064	5.685	ug/L	99
38) Bromodichloromethane	6.516	83	79805	5.495	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	54464	3.985	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	254220	57.742	ug/L	99
42) Toluene	7.390	91	293552	6.097	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	41479	3.801	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	43671	5.557	ug/L	96
47) Tetrachloroethene	7.976	164	51727	5.587	ug/L	99
48) 2-Hexanone	8.143	43	177610	56.307	ug/L	99
49) Dibromochloromethane	8.246	129	45091	5.181	ug/L	94
50) 1,2-Dibromoethane	8.355	107	37019	5.528	ug/L	96
51) Chlorobenzene	8.882	112	177914	5.659	ug/L	98
52) Ethylbenzene	9.014	91	270923	5.613	ug/L	99
53) m,p-Xylene	9.140	106	109204	5.804	ug/L	95
54) o-Xylene	9.545	106	99496	5.459	ug/L	96
55) Styrene	9.561	104	76363	2.495	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	50244	6.302	ug/L	96
59) Bromoform	9.731	173	19041	4.913	ug/L	100
60) Isopropylbenzene	9.931	105	261885	5.565	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	32934	5.749	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	190116	5.091	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	194064	5.250	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	129537	5.602	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	129687	5.519	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	116491	5.688	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5356	5.278	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	78851	4.716	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	56716	4.599	ug/L	98
71) Naphthalene	13.500	128	78184	4.566	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	46778	4.531	ug/L	97

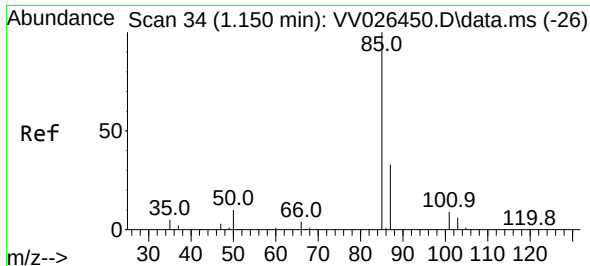
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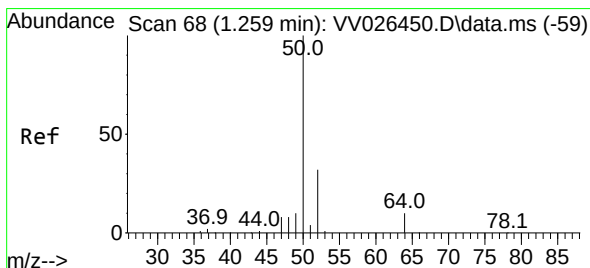
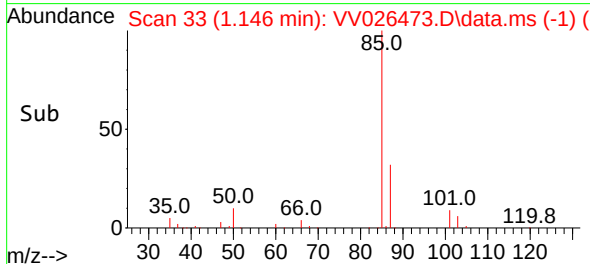
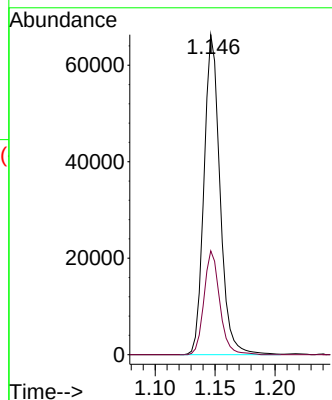
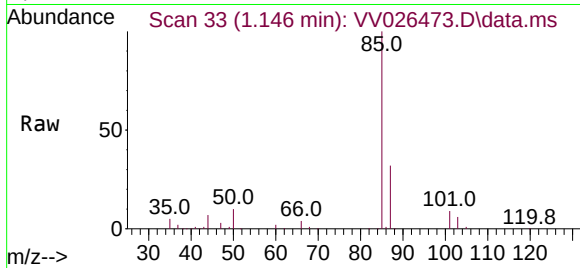




#2
 Dichlorodifluoromethane
 Concen: 4.377 ug/L
 RT: 1.146 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV026473.D
 Acq: 21 Jun 2022 02:11

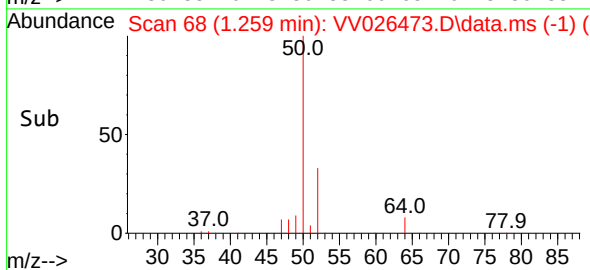
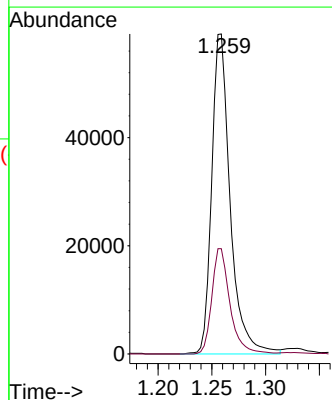
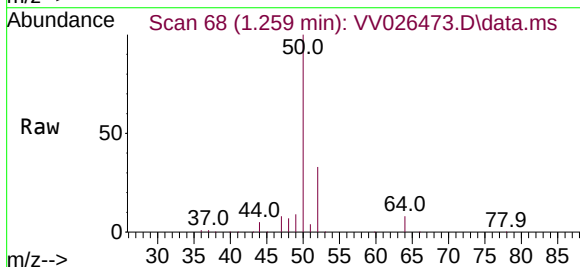
Instrument :
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 ClientSampleId :

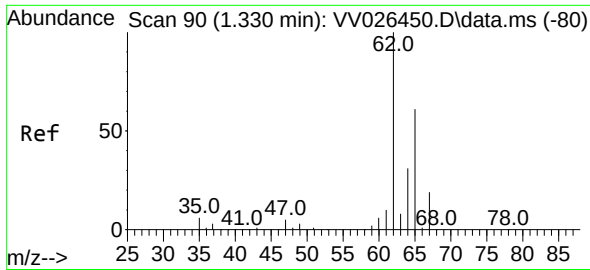
Tgt Ion: 85 Resp: 61918
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 4.499 ug/L
 RT: 1.259 min Scan# 68
 Delta R.T. -0.000 min
 Lab File: VV026473.D
 Acq: 21 Jun 2022 02:11

Tgt Ion: 50 Resp: 70674
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 44.1

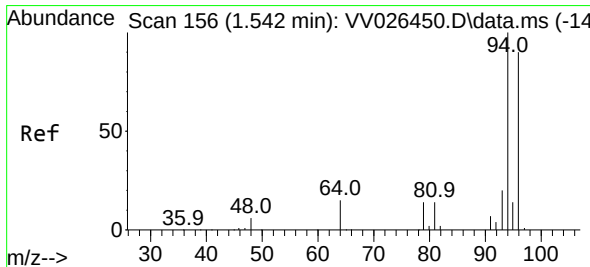
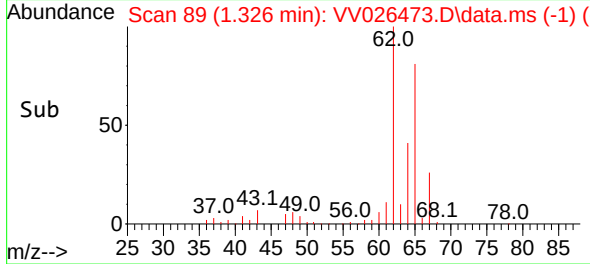
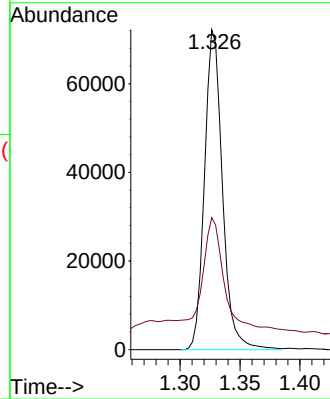
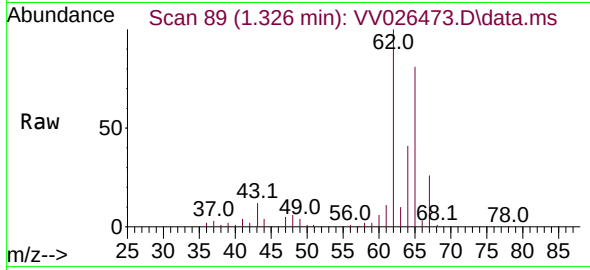




#5
 Vinyl chloride
 Concen: 4.616 ug/L
 RT: 1.326 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV026473.D
 Acq: 21 Jun 2022 02:11

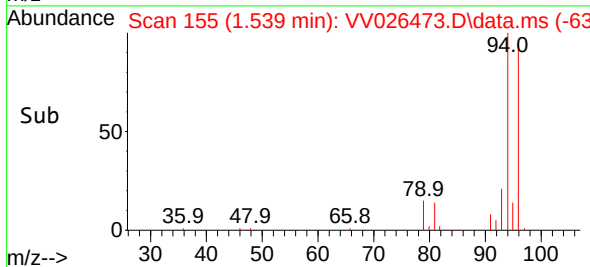
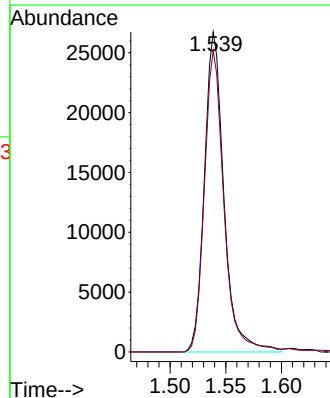
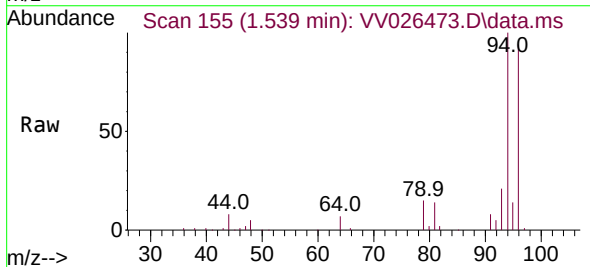
Instrument :
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 ClientSampleId :

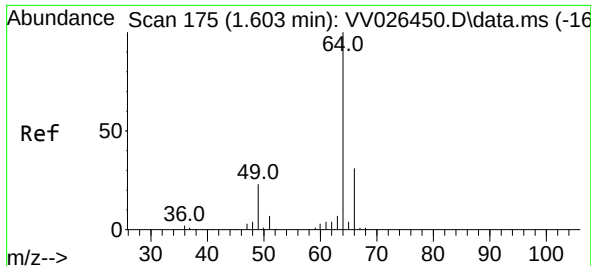
Tgt Ion: 62 Resp: 75388
 Ion Ratio Lower Upper
 62 100
 64 41.2 23.2 43.2



#6
 Bromomethane
 Concen: 3.573 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. -0.003 min
 Lab File: VV026473.D
 Acq: 21 Jun 2022 02:11

Tgt Ion: 94 Resp: 32616
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.7 121.9

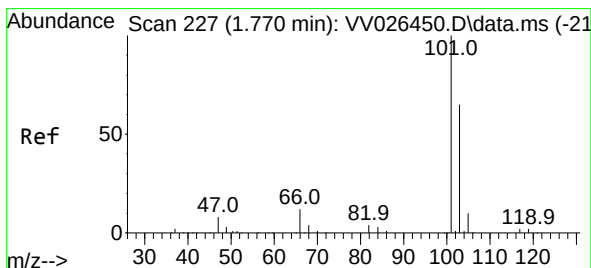
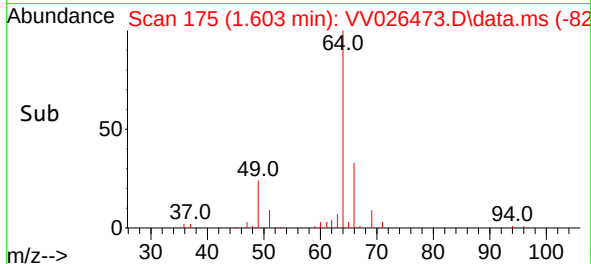
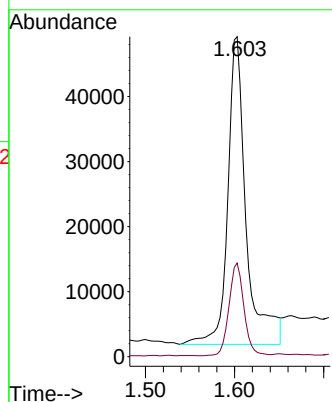
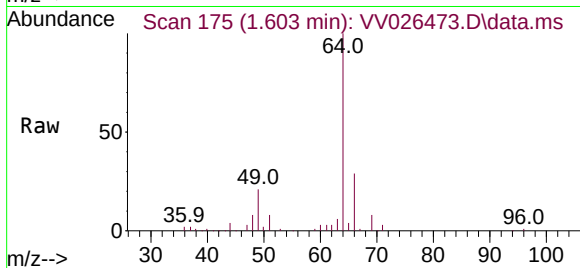




#8
Chloroethane
Concen: 6.676 ug/L
RT: 1.603 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

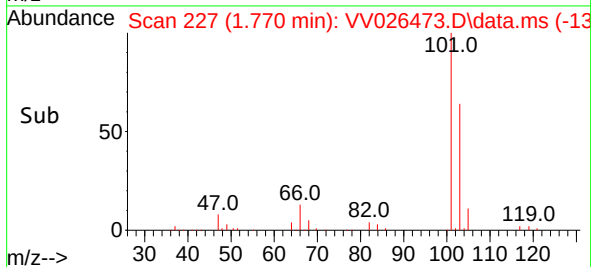
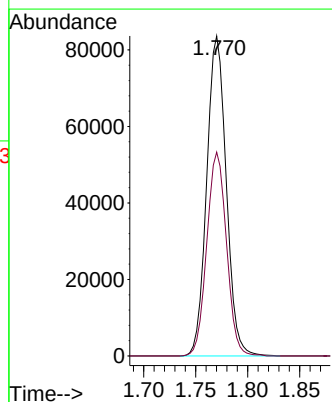
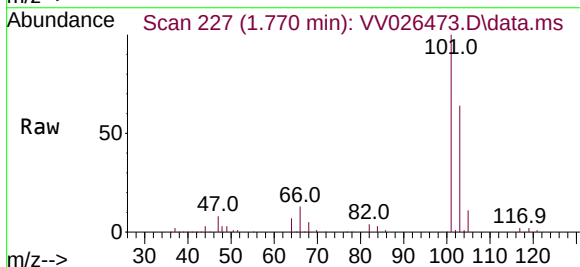
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ClientSampleId :

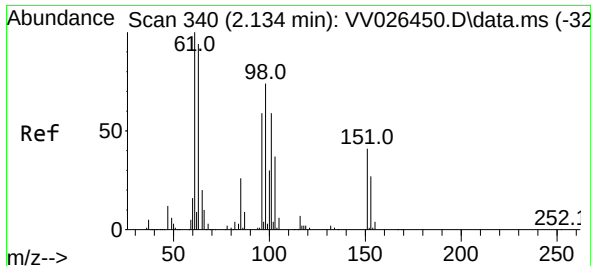
Tgt Ion: 64 Resp: 67695
Ion Ratio Lower Upper
64 100
66 29.3 24.1 44.7



#9
Trichlorofluoromethane
Concen: 4.853 ug/L
RT: 1.770 min Scan# 227
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

Tgt Ion:101 Resp: 109401
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5

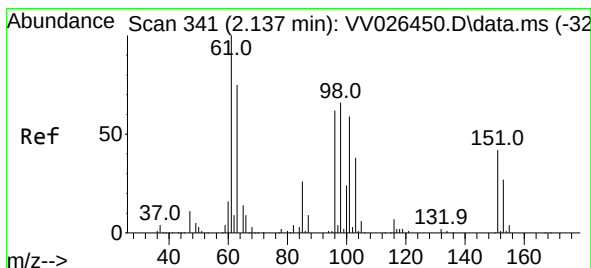
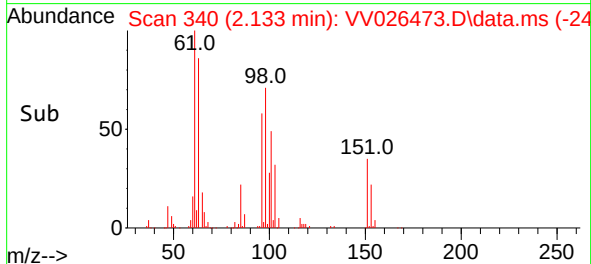
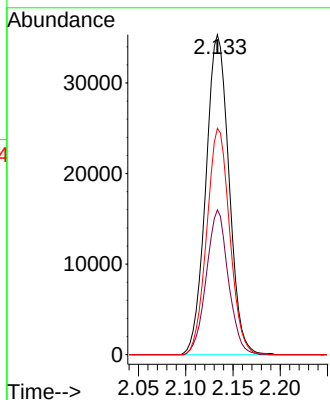
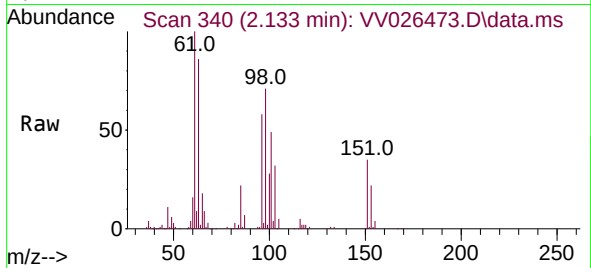




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.603 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VV026473.D
 Acq: 21 Jun 2022 02:11

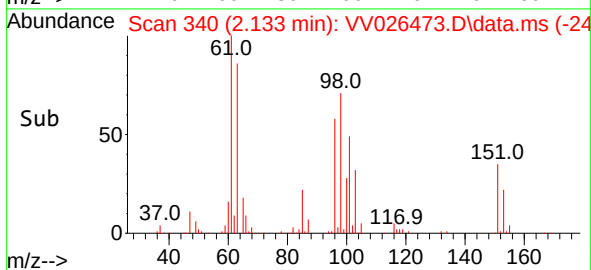
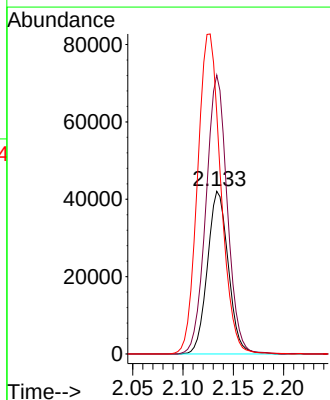
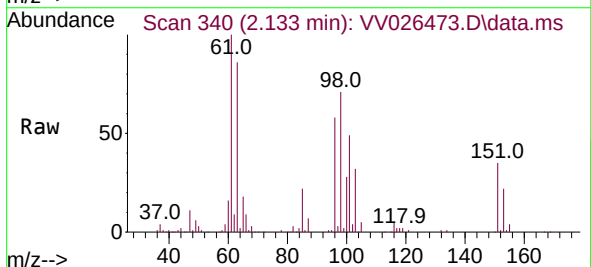
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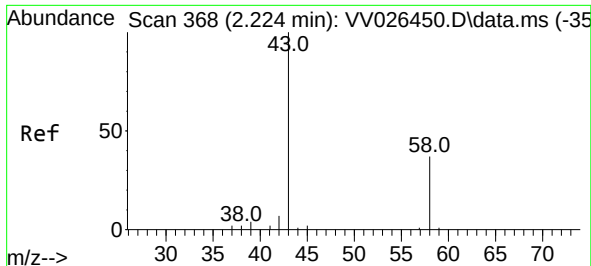
Tgt Ion:101 Resp: 60178
 Ion Ratio Lower Upper
 101 100
 85 43.0 35.3 52.9
 151 70.2 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.089 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. -0.003 min
 Lab File: VV026473.D
 Acq: 21 Jun 2022 02:11

Tgt Ion: 96 Resp: 60830
 Ion Ratio Lower Upper
 96 100
 61 171.4 117.1 217.5
 63 148.1 92.8 172.4





#13

Acetone

Concen: 52.820 ug/L

RT: 2.217 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV026473.D

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Instrument :

MSVOA_V

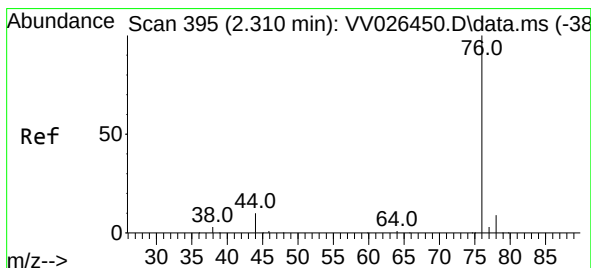
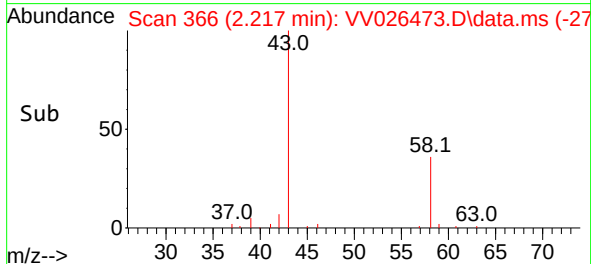
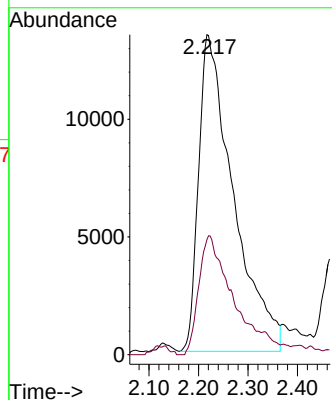
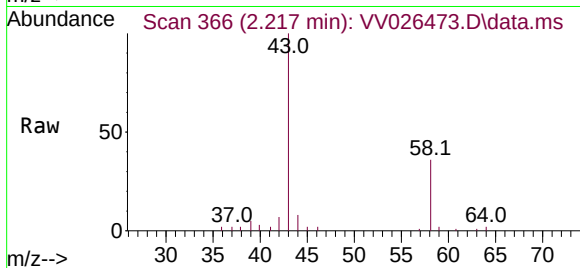
ClientSampleId :

Tgt Ion: 43 Resp: 65643

Ion Ratio Lower Upper

43 100

58 35.2 0.0 60.0



#14

Carbon disulfide

Concen: 4.542 ug/L

RT: 2.310 min Scan# 395

Delta R.T. -0.000 min

Lab File: VV026473.D

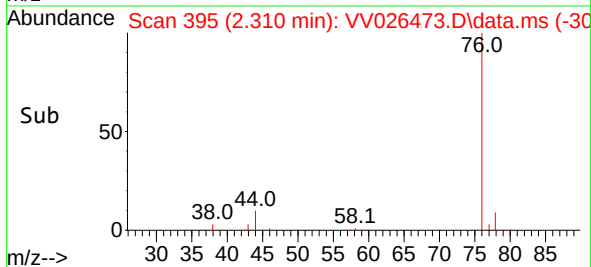
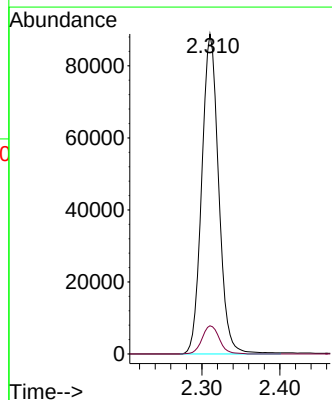
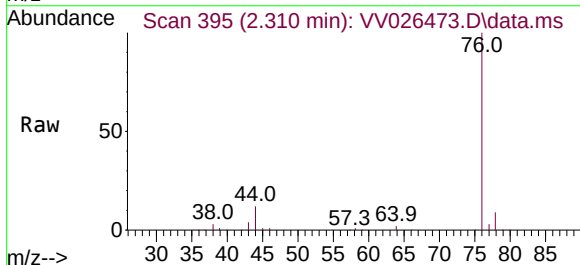
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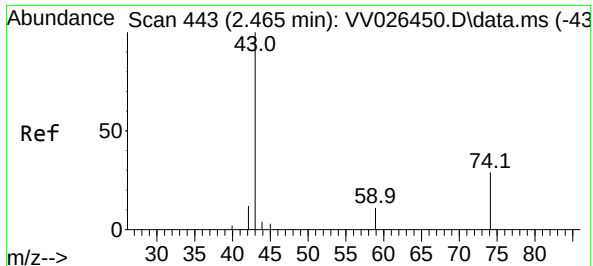
Tgt Ion: 76 Resp: 133867

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5

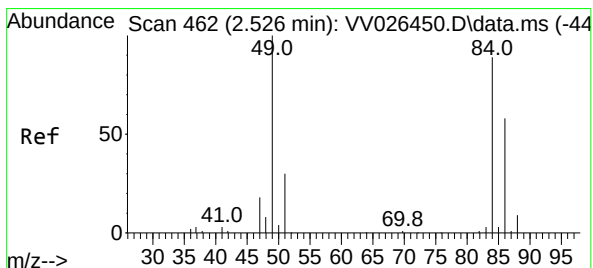
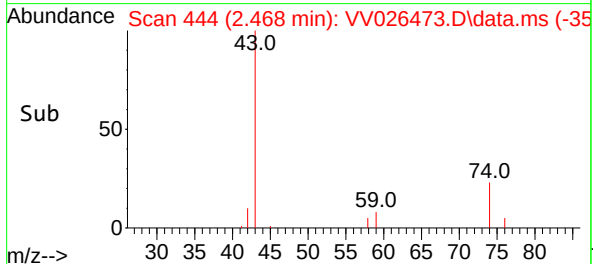
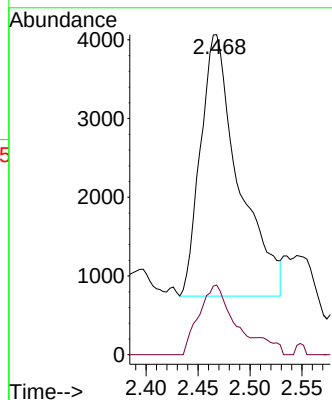
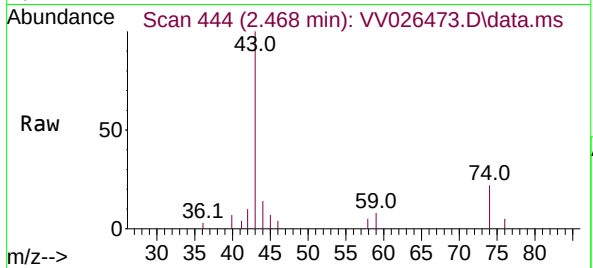




#15
Methyl Acetate
Concen: 2.847 ug/L
RT: 2.468 min Scan# 443
Delta R.T. 0.003 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

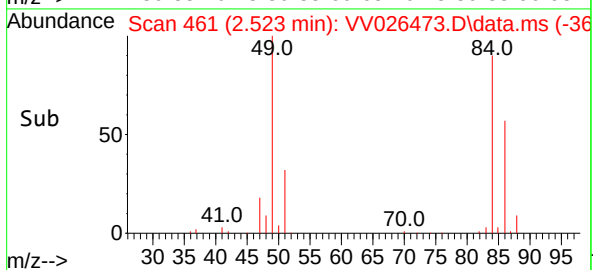
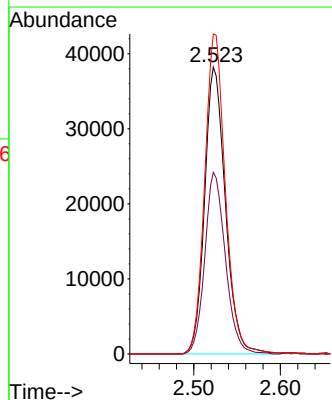
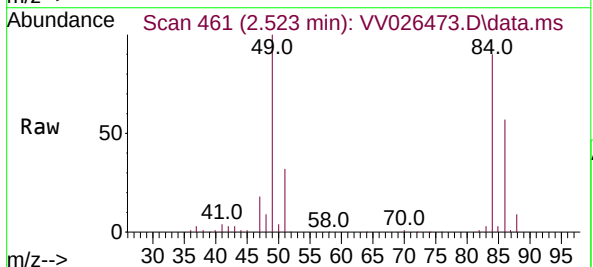
Instrument :
MSVOA_V
ClientSampleId :

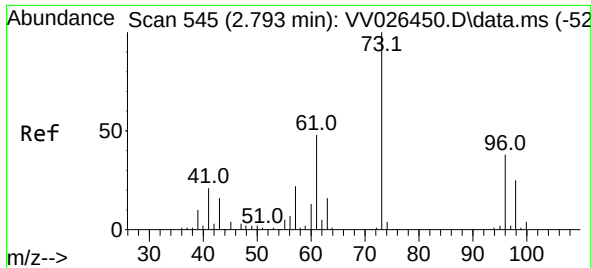
Tgt Ion: 43 Resp: 8488
Ion Ratio Lower Upper
43 100
74 23.6 21.4 32.0



#16
Methylene chloride
Concen: 4.185 ug/L
RT: 2.523 min Scan# 461
Delta R.T. -0.003 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

Tgt Ion: 84 Resp: 63825
Ion Ratio Lower Upper
84 100
86 63.3 44.0 81.8
49 111.6 77.3 143.7

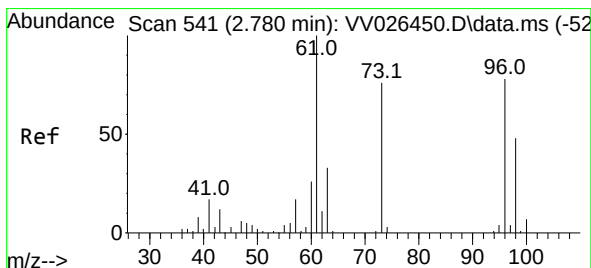
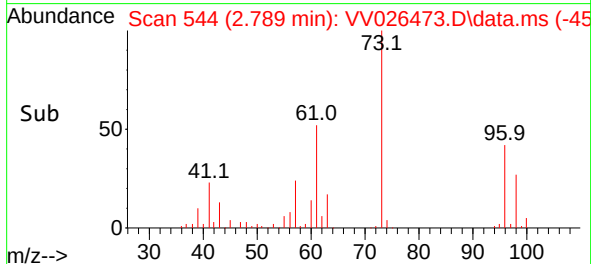
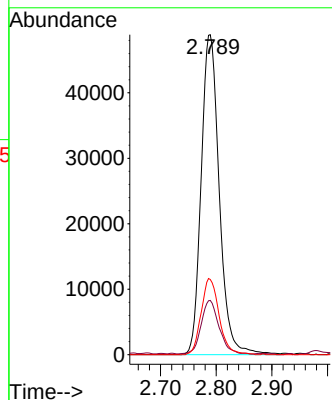
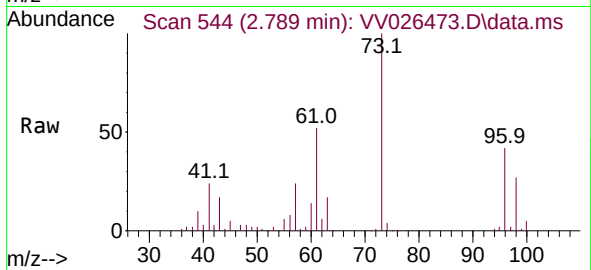




#17
Methyl tert-butyl Ether
Concen: 5.372 ug/L
RT: 2.789 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

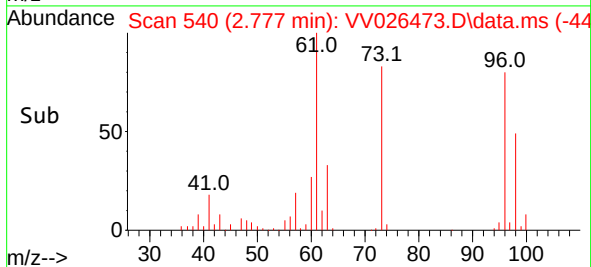
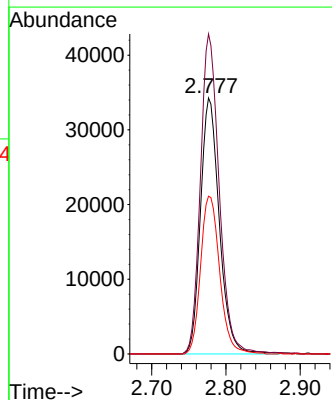
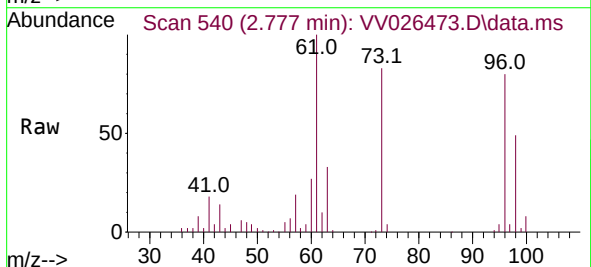
Instrument :
MSVOA_V
ClientSampleId :

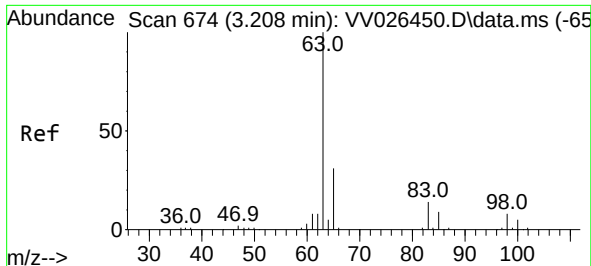
Tgt Ion: 73 Resp: 110422
Ion Ratio Lower Upper
73 100
43 16.3 13.0 19.6
57 23.6 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.219 ug/L
RT: 2.777 min Scan# 540
Delta R.T. -0.003 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

Tgt Ion: 96 Resp: 60507
Ion Ratio Lower Upper
96 100
61 125.0 91.3 169.6
98 61.6 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.465 ug/L

RT: 3.207 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV026473.D

Acq: 21 Jun 2022 02:11

Instrument :

MSVOA_V

ClientSampleId :

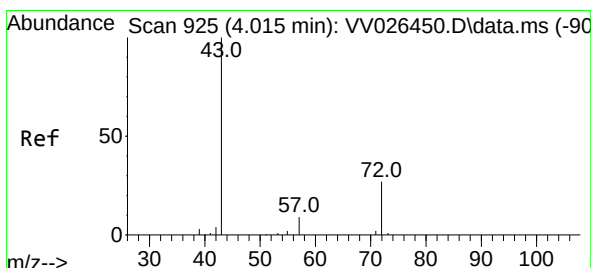
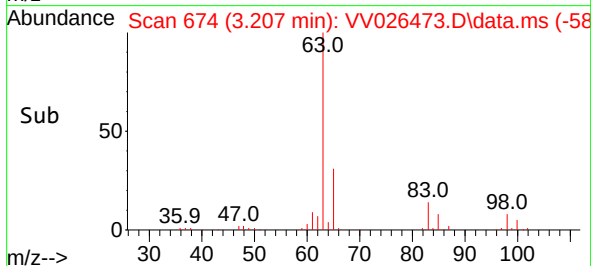
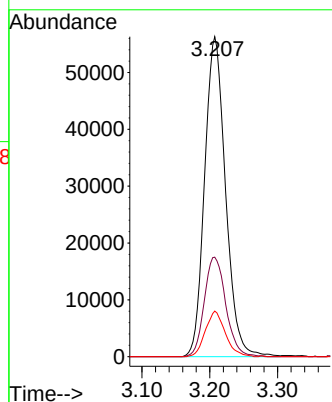
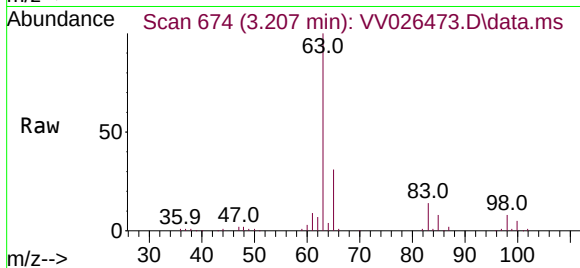
Tgt Ion: 63 Resp: 120821

Ion Ratio Lower Upper

63 100

65 31.1 22.3 41.3

83 14.3 8.9 16.5



#21

2-Butanone

Concen: 54.381 ug/L

RT: 4.018 min Scan# 926

Delta R.T. 0.003 min

Lab File: VV026473.D

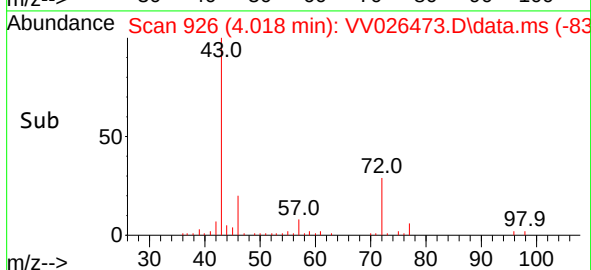
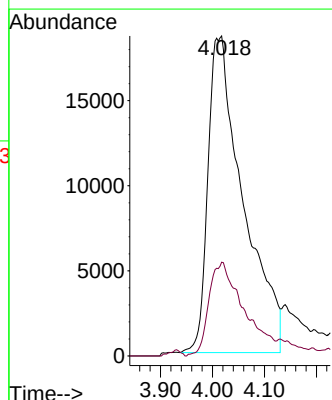
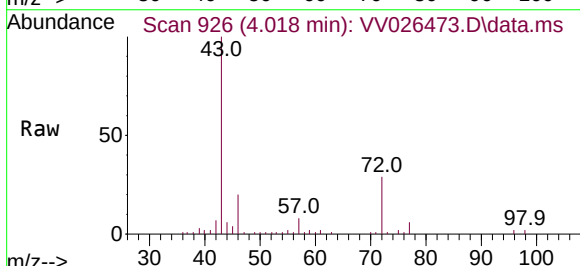
Acq: 21 Jun 2022 02:11

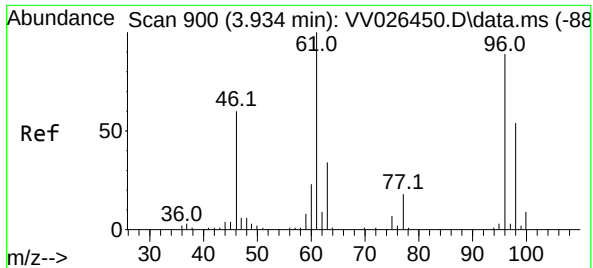
Tgt Ion: 43 Resp: 87447

Ion Ratio Lower Upper

43 100

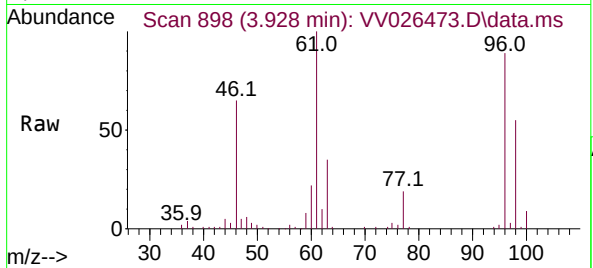
72 29.5 12.7 38.0



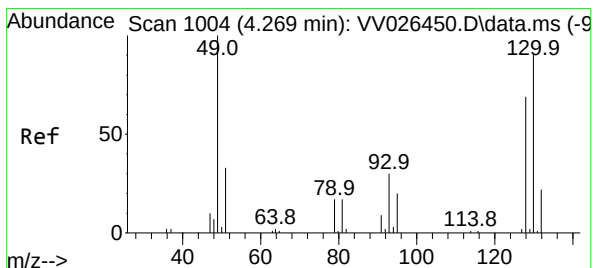
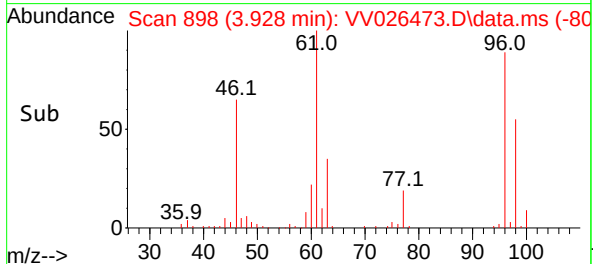
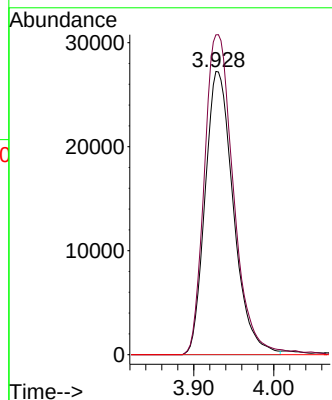


#22
 cis-1,2-Dichloroethene
 Concen: 5.716 ug/L
 RT: 3.928 min Scan# 898
 Delta R.T. -0.007 min
 Lab File: VV026473.D
 Acq: 21 Jun 2022 02:11

Instrument :
 MSVOA_V
 ClientSampleId :

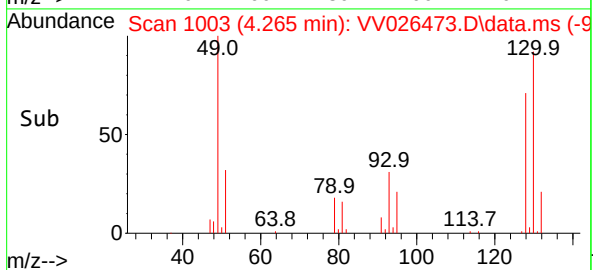
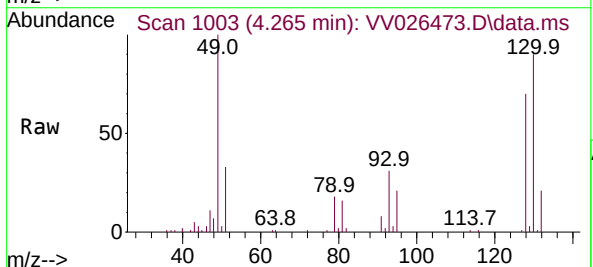
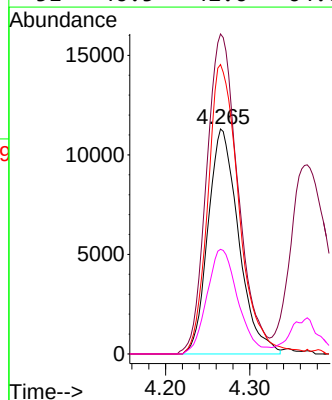


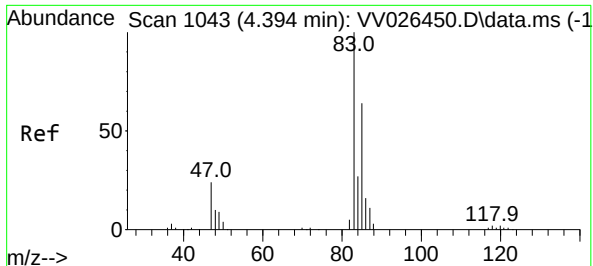
Tgt Ion: 96 Resp: 67048
 Ion Ratio Lower Upper
 96 100
 61 112.9 83.6 155.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.718 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. -0.003 min
 Lab File: VV026473.D
 Acq: 21 Jun 2022 02:11

Tgt Ion: 128 Resp: 28460
 Ion Ratio Lower Upper
 128 100
 49 142.3 111.6 207.2
 130 128.7 91.1 169.1
 51 46.5 42.6 64.0





#25

Chloroform

Concen: 5.410 ug/L

RT: 4.387 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV026473.D

Acq: 21 Jun 2022 02:11

Instrument :

MSVOA_V

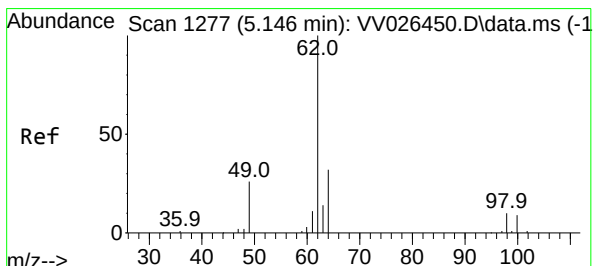
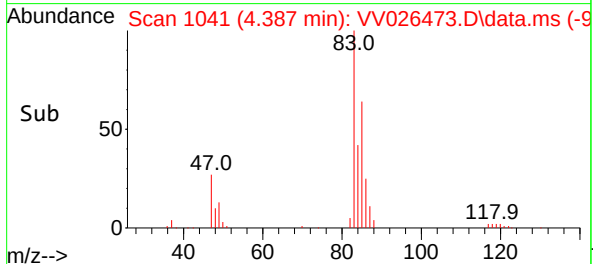
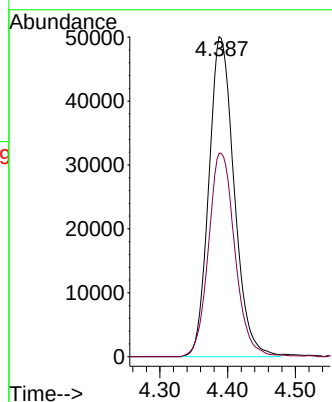
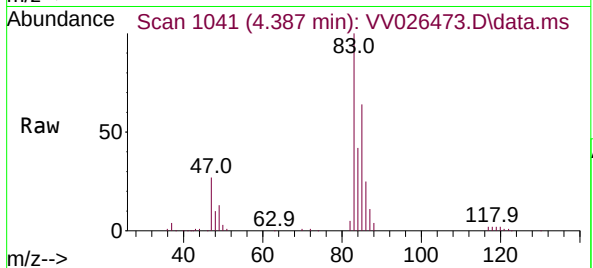
ClientSampleId :

Tgt Ion: 83 Resp: 129764

Ion Ratio Lower Upper

83 100

85 63.6 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.374 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. -0.003 min

Lab File: VV026473.D

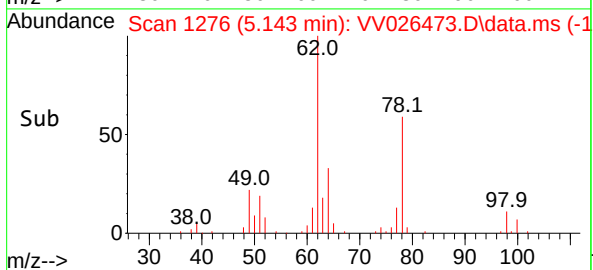
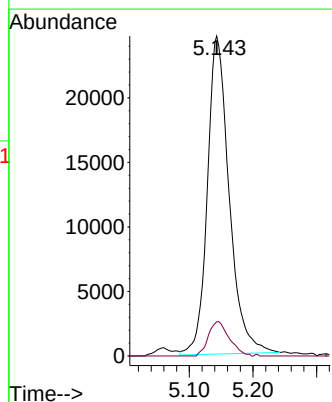
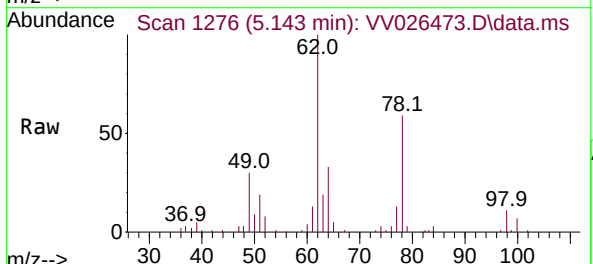
Acq: 21 Jun 2022 02:11

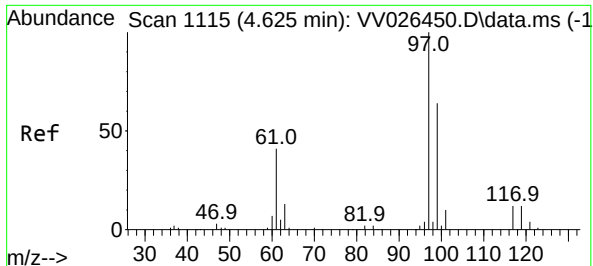
Tgt Ion: 62 Resp: 58671

Ion Ratio Lower Upper

62 100

98 10.7 8.6 13.0





#29

1,1,1-Trichloroethane

Concen: 5.764 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. -0.007 min

Lab File: VV026473.D

Acq: 21 Jun 2022 02:11

Instrument :

MSVOA_V

ClientSampleId :

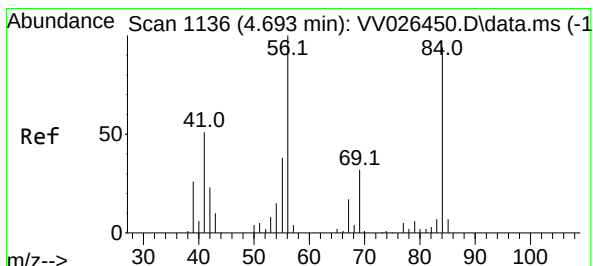
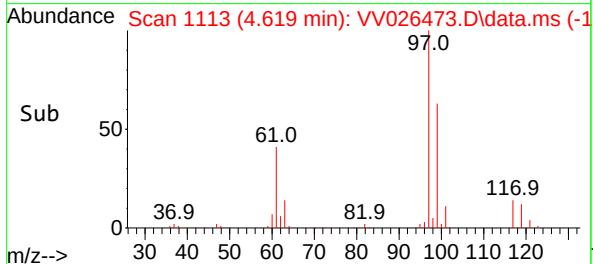
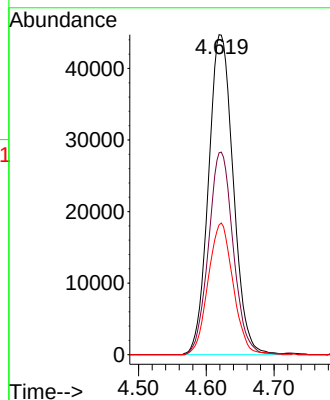
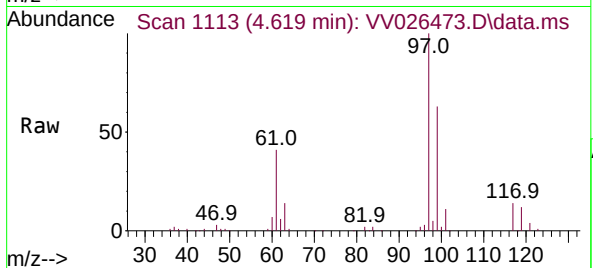
Tgt Ion: 97 Resp: 113715

Ion Ratio Lower Upper

97 100

99 63.2 50.3 75.5

61 41.5 33.4 50.0



#30

Cyclohexane

Concen: 4.591 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. -0.003 min

Lab File: VV026473.D

Acq: 21 Jun 2022 02:11

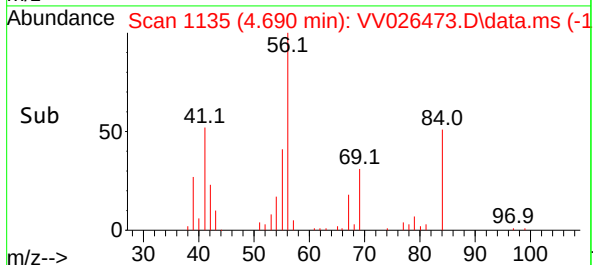
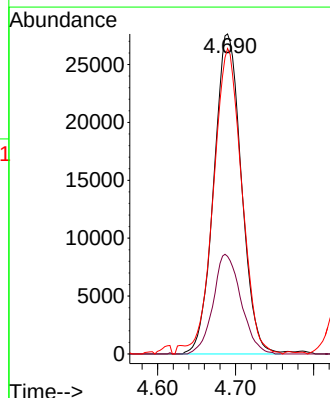
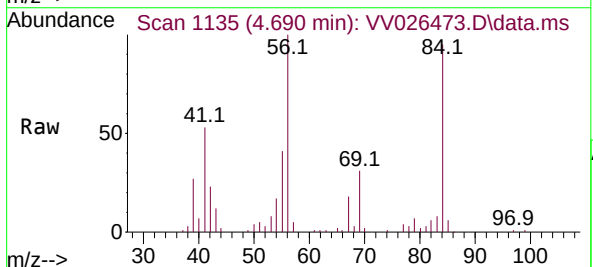
Tgt Ion: 56 Resp: 67755

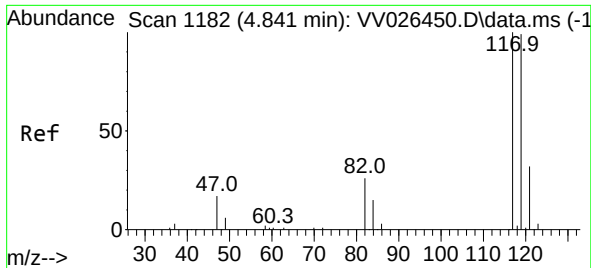
Ion Ratio Lower Upper

56 100

69 31.5 24.9 37.3

84 98.3 76.4 114.6

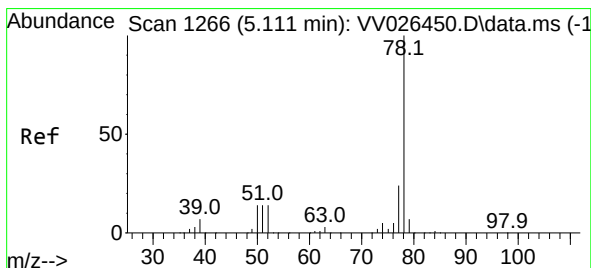
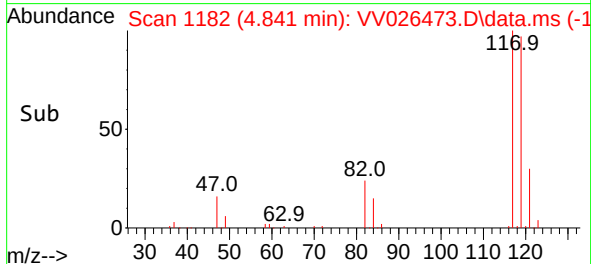
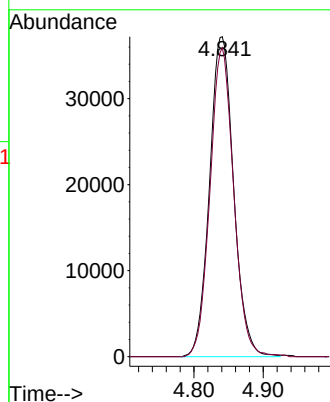
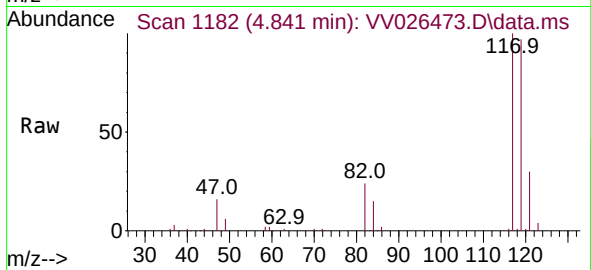




#31
Carbon tetrachloride
Concen: 5.379 ug/L
RT: 4.841 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

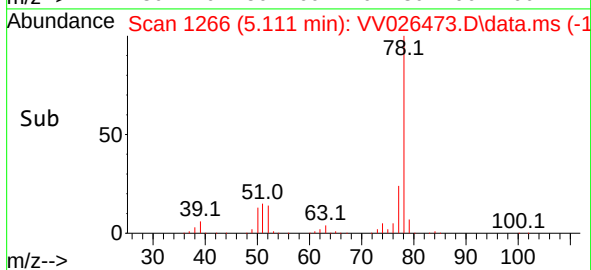
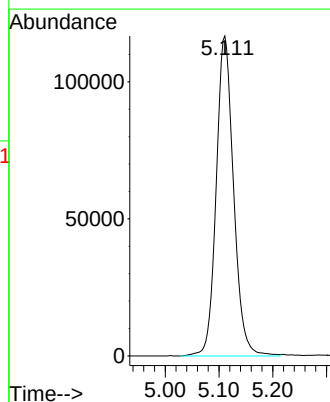
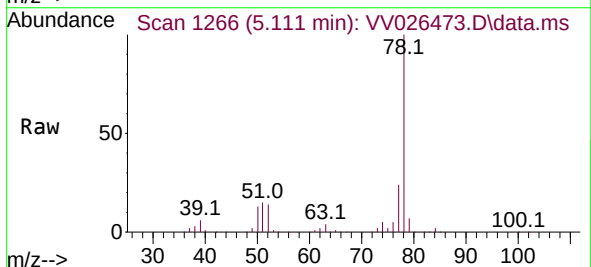
Instrument :
MSVOA_V
ClientSampleId :

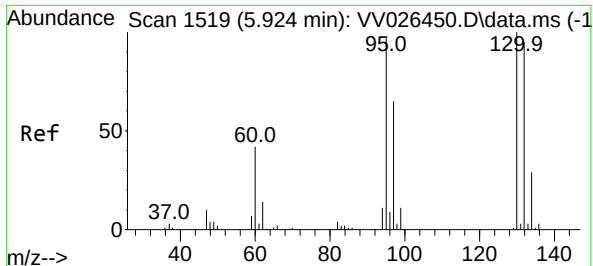
Tgt Ion:117 Resp: 89892
Ion Ratio Lower Upper
117 100
119 94.4 76.2 114.4



#33
Benzene
Concen: 5.722 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

Tgt Ion: 78 Resp: 261966





#34

Trichloroethene

Concen: 15.131 ug/L

RT: 5.921 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026473.D

Acq: 21 Jun 2022 02:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 189114

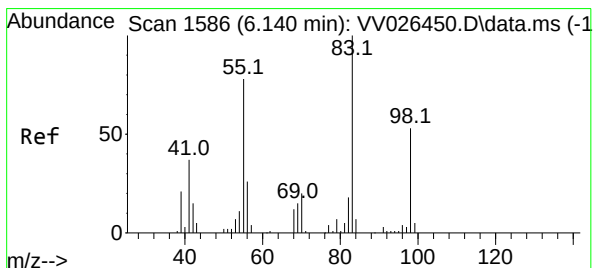
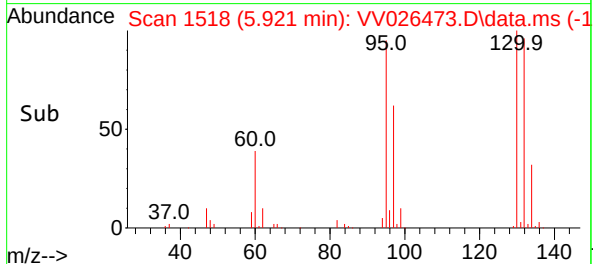
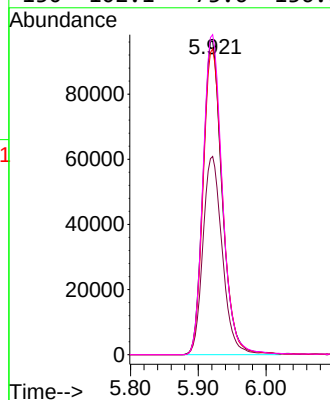
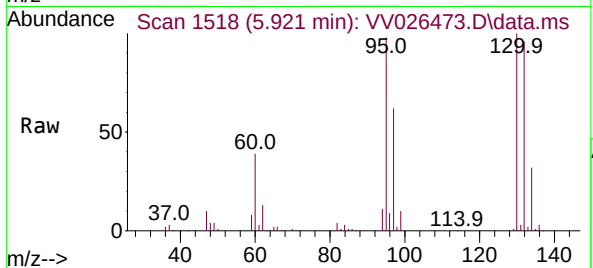
Ion Ratio Lower Upper

95 100

97 63.3 46.5 86.3

132 97.6 68.8 127.8

130 102.1 73.6 136.6



#35

Methylcyclohexane

Concen: 4.306 ug/L

RT: 6.137 min Scan# 1585

Delta R.T. -0.003 min

Lab File: VV026473.D

Acq: 21 Jun 2022 02:11

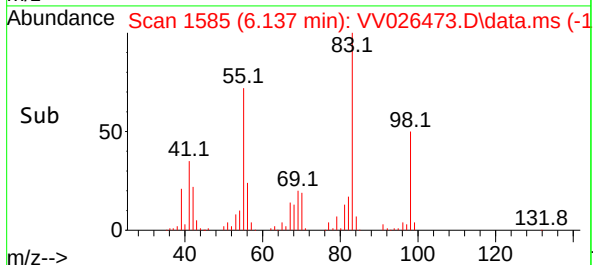
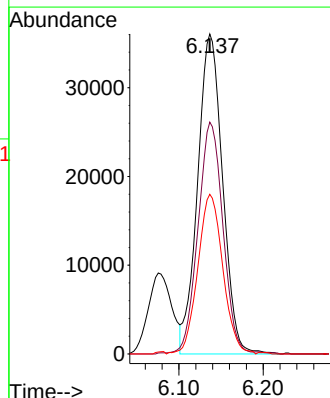
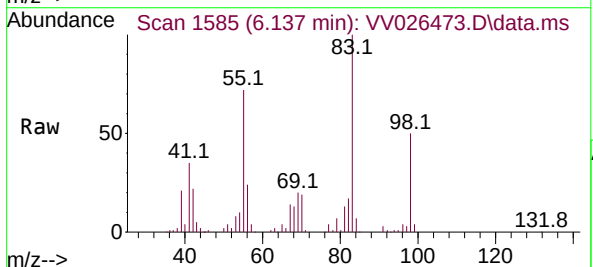
Tgt Ion: 83 Resp: 74450

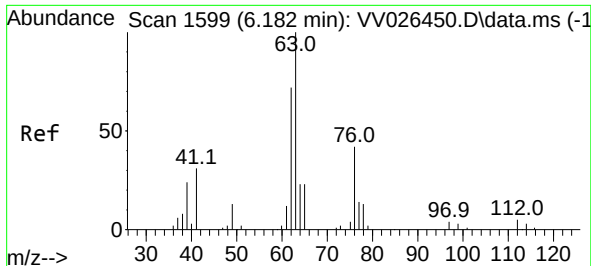
Ion Ratio Lower Upper

83 100

55 72.2 59.3 88.9

98 49.9 39.9 59.9

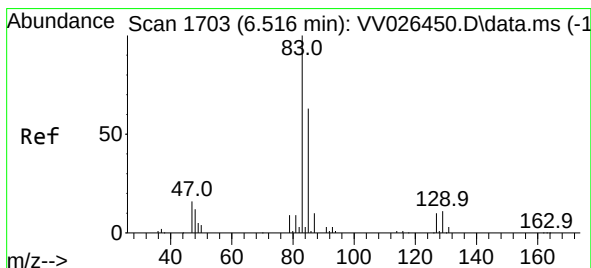
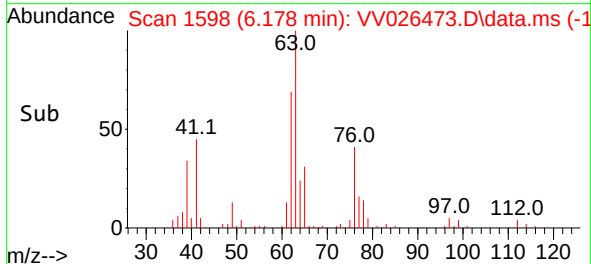
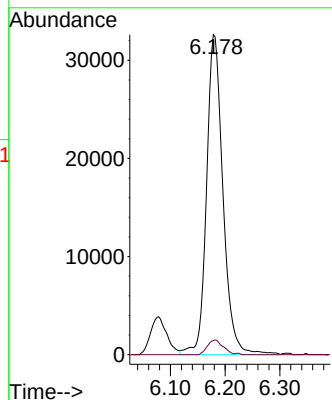
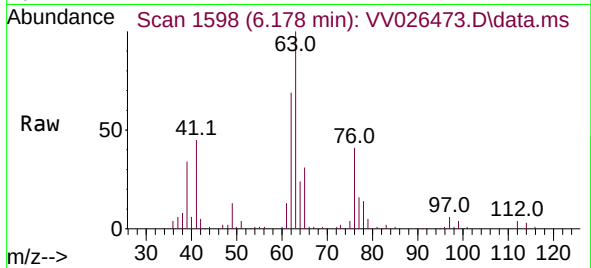




#37
1,2-Dichloropropane
Concen: 5.685 ug/L
RT: 6.178 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

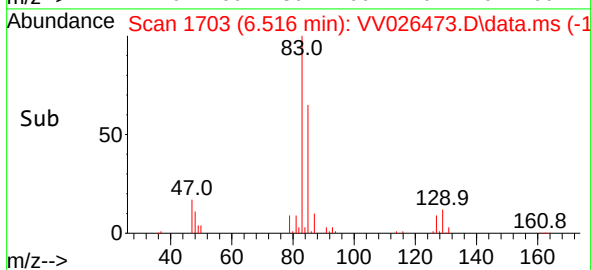
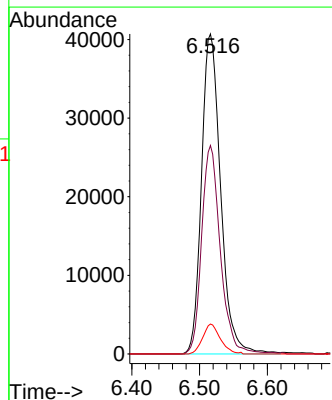
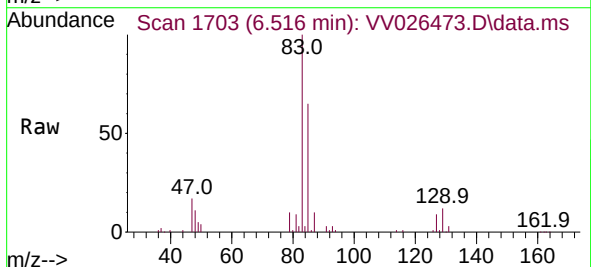
Instrument :
MSVOA_V
ClientSampleId :

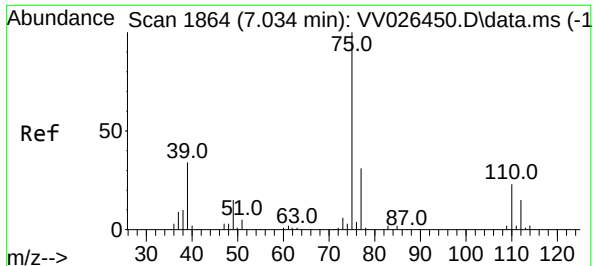
Tgt Ion: 63 Resp: 68064
Ion Ratio Lower Upper
63 100
112 4.4 3.3 4.9



#38
Bromodichloromethane
Concen: 5.495 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

Tgt Ion: 83 Resp: 79805
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.6
127 9.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 3.985 ug/L

RT: 7.034 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VV026473.D

Acq: 21 Jun 2022 02:11

Instrument :

MSVOA_V

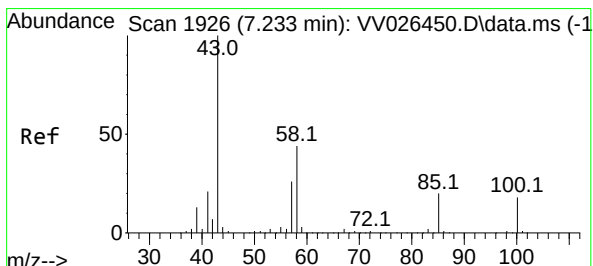
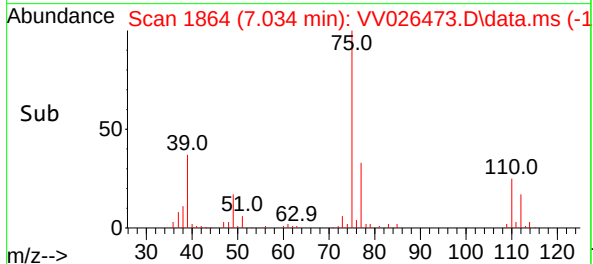
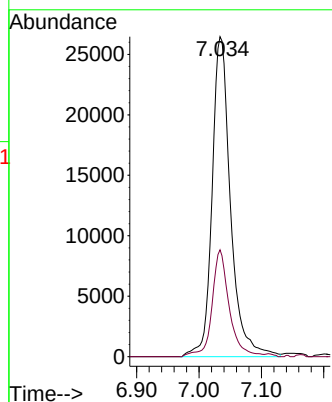
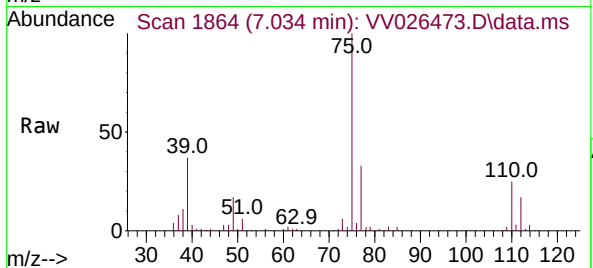
ClientSampleId :

Tgt Ion: 75 Resp: 54464

Ion Ratio Lower Upper

75 100

77 33.4 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 57.742 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. -0.000 min

Lab File: VV026473.D

Acq: 21 Jun 2022 02:11

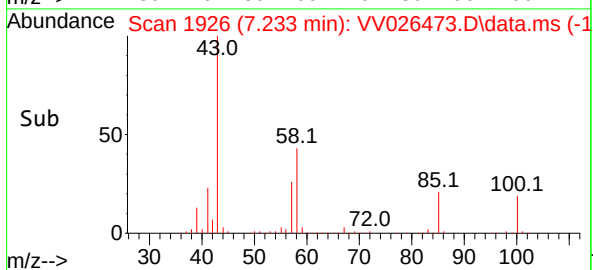
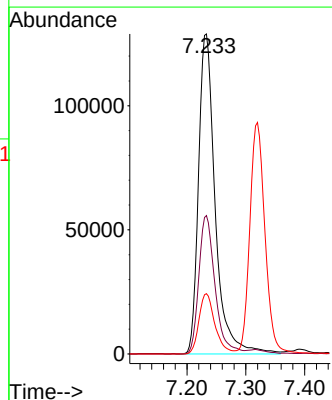
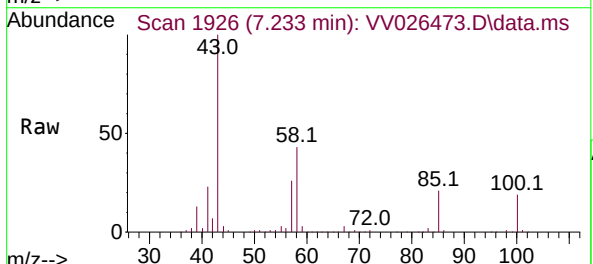
Tgt Ion: 43 Resp: 254220

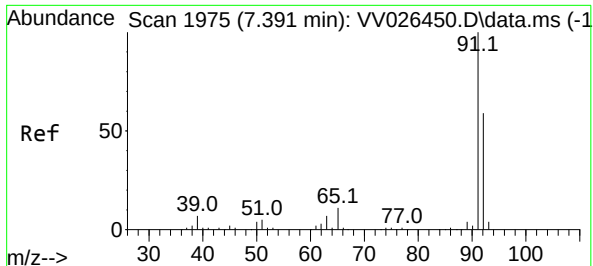
Ion Ratio Lower Upper

43 100

58 42.0 33.3 49.9

100 18.1 13.4 20.2





#42

Toluene

Concen: 6.097 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV026473.D

Acq: 21 Jun 2022 02:11

Instrument :

MSVOA_V

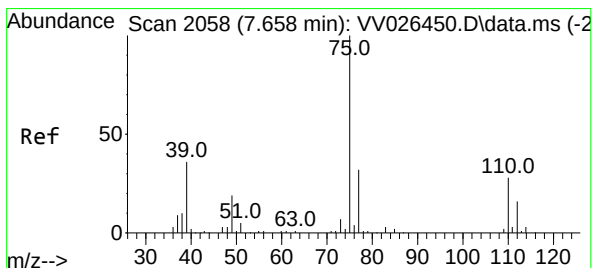
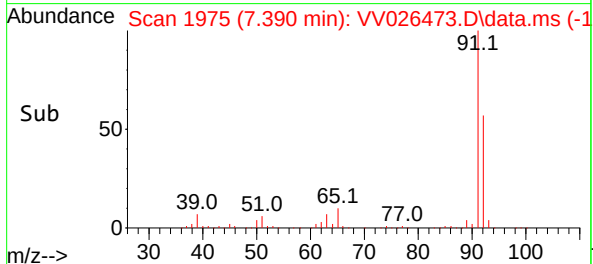
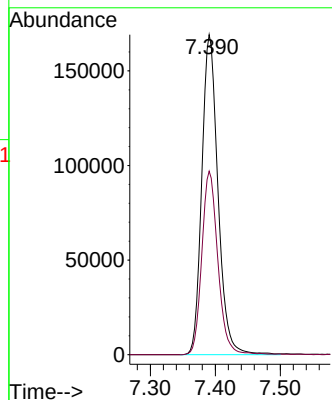
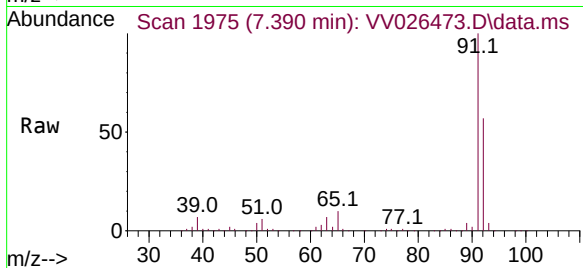
ClientSampleId :

Tgt Ion: 91 Resp: 293552

Ion Ratio Lower Upper

91 100

92 57.4 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 3.801 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VV026473.D

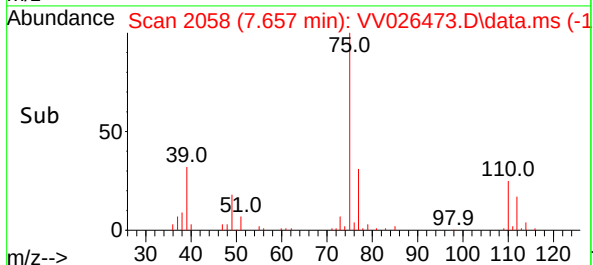
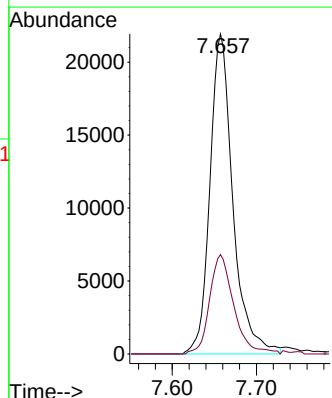
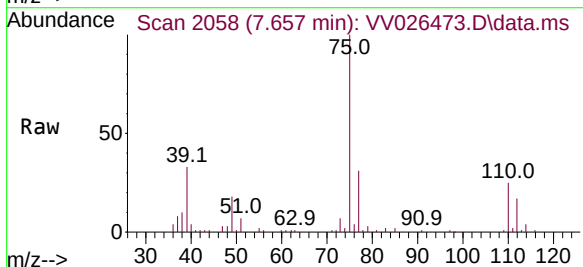
Acq: 21 Jun 2022 02:11

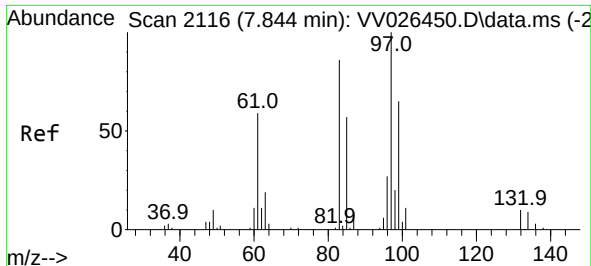
Tgt Ion: 75 Resp: 41479

Ion Ratio Lower Upper

75 100

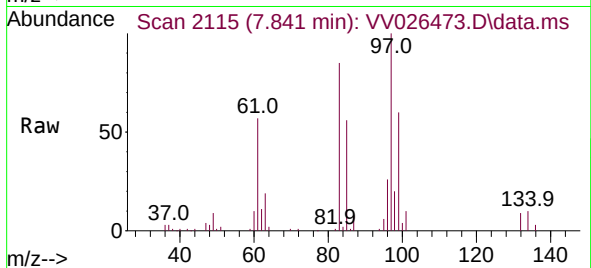
77 31.0 23.7 43.9



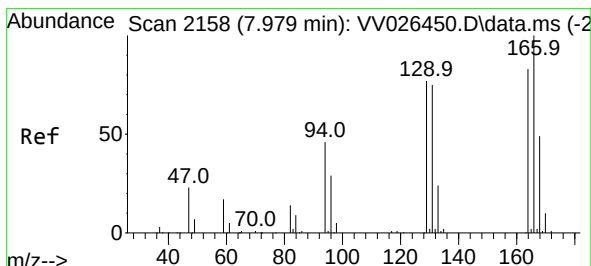
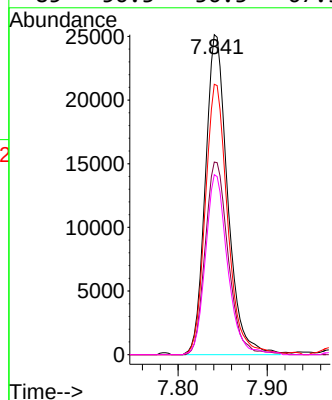
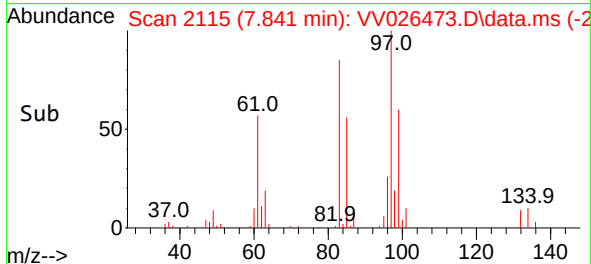


#45
1,1,2-Trichloroethane
Concen: 5.557 ug/L
RT: 7.841 min Scan# 2116
Delta R.T. -0.003 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

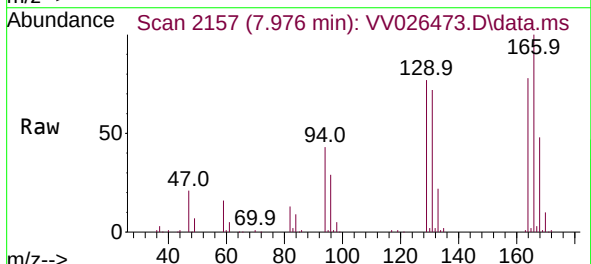
Instrument :
MSVOA_V
ClientSampleId :



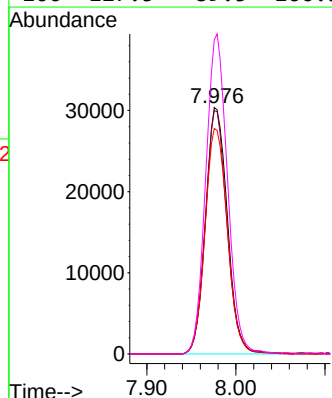
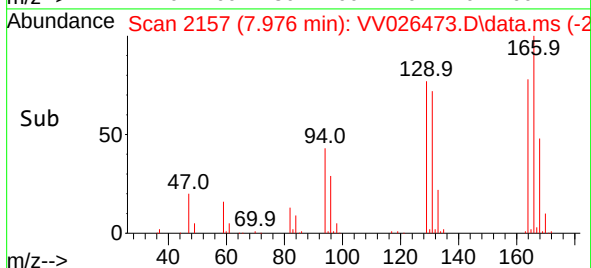
Tgt Ion:	97	Resp:	43671
Ion	Ratio	Lower	Upper
97	100		
99	60.2	42.4	78.6
83	84.5	56.1	104.1
85	56.3	36.3	67.5

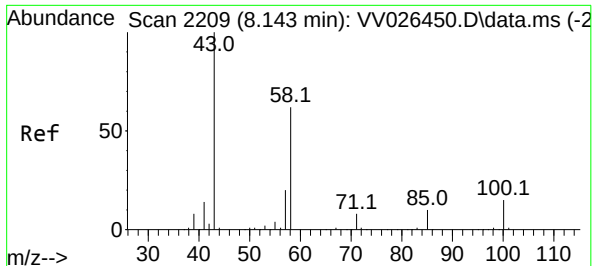


#47
Tetrachloroethene
Concen: 5.587 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11



Tgt Ion:	164	Resp:	51727
Ion	Ratio	Lower	Upper
164	100		
129	98.7	67.5	125.3
131	91.5	63.8	118.4
166	127.5	89.5	166.3

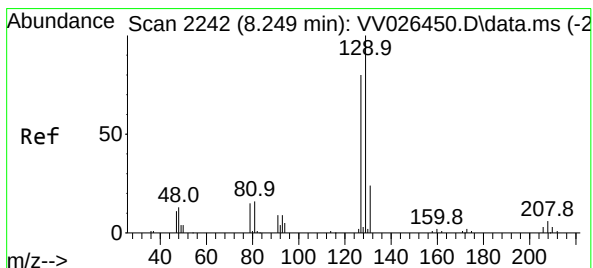
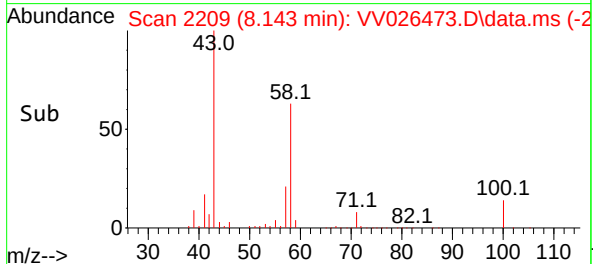
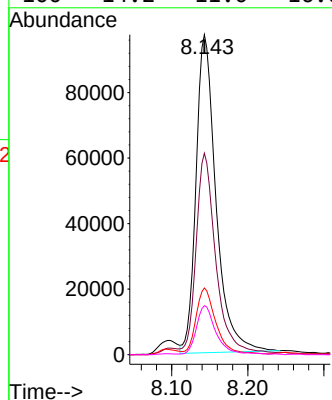
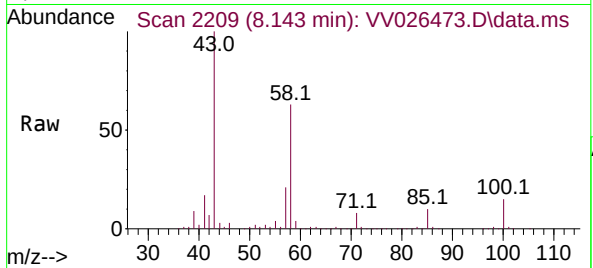




#48
2-Hexanone
Concen: 56.307 ug/L
RT: 8.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

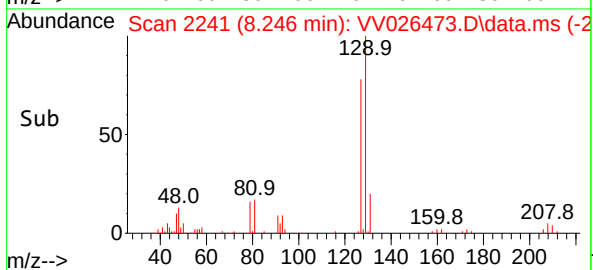
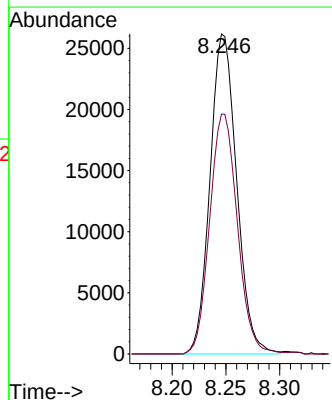
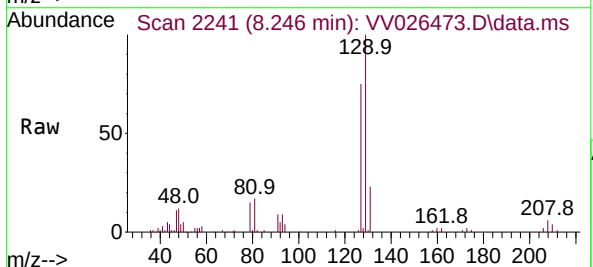
Instrument :
MSVOA_V
ClientSampleId :

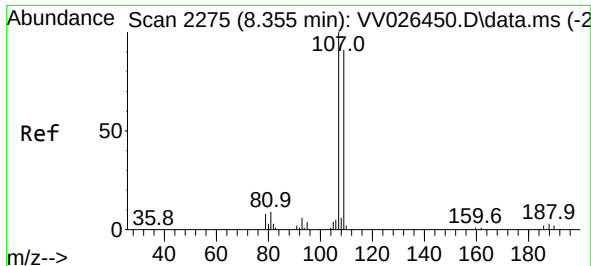
Tgt Ion: 43 Resp: 177610
Ion Ratio Lower Upper
43 100
58 61.5 48.7 73.1
57 20.9 16.0 24.0
100 14.2 11.0 16.6



#49
Dibromochloromethane
Concen: 5.181 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

Tgt Ion: 129 Resp: 45091
Ion Ratio Lower Upper
129 100
127 75.0 56.4 104.7

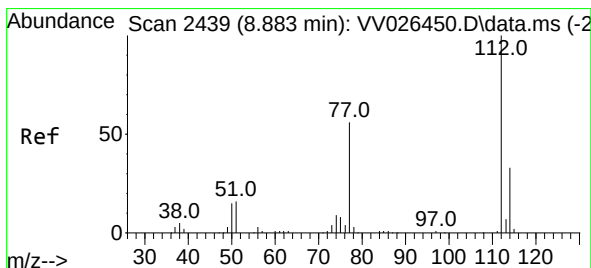
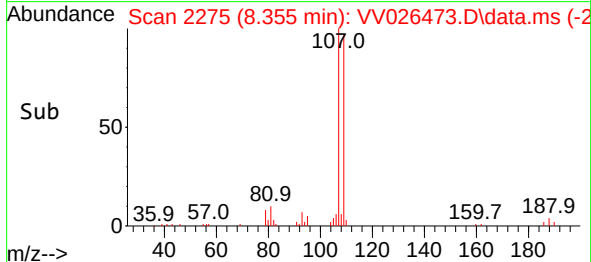
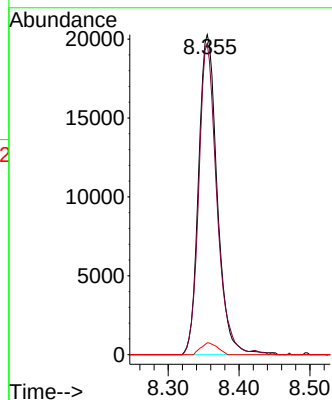
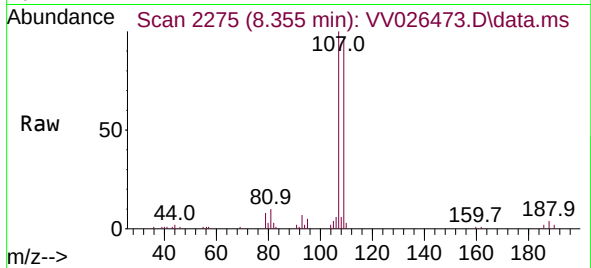




#50
1,2-Dibromoethane
Concen: 5.528 ug/L
RT: 8.355 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

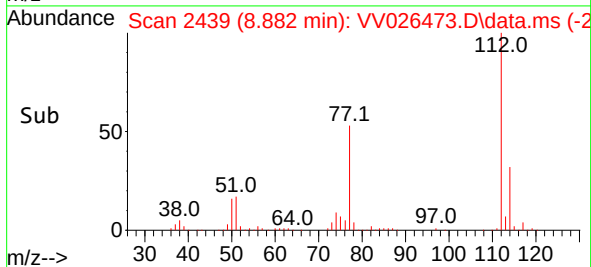
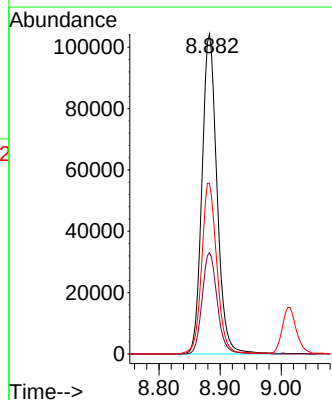
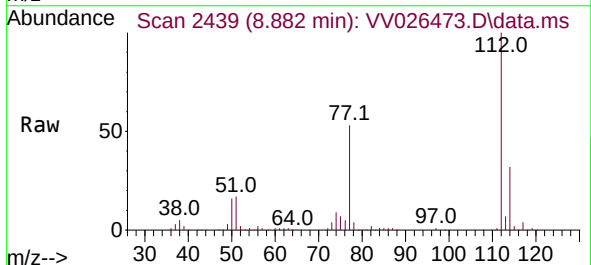
Instrument :
MSVOA_V
ClientSampleId :

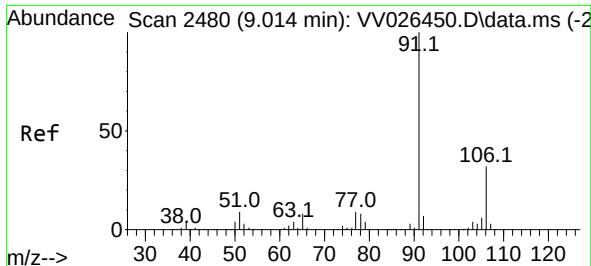
Tgt Ion:107 Resp: 37019
Ion Ratio Lower Upper
107 100
109 97.3 65.2 121.2
188 3.7 2.9 4.3



#51
Chlorobenzene
Concen: 5.659 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

Tgt Ion:112 Resp: 177914
Ion Ratio Lower Upper
112 100
114 31.7 22.7 42.3
77 53.4 44.5 66.7

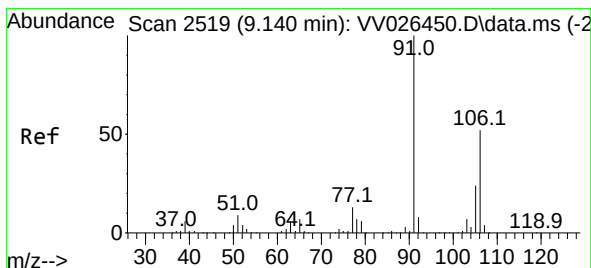
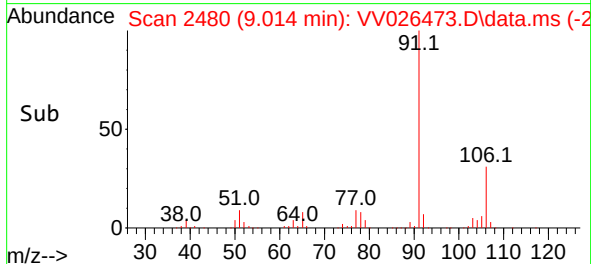
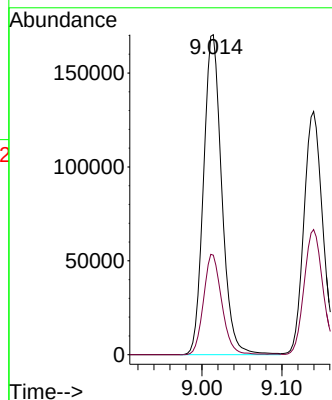
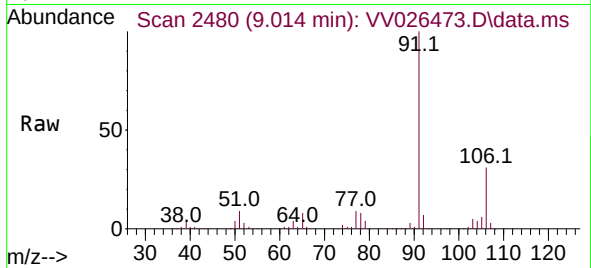




#52
Ethylbenzene
Concen: 5.613 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

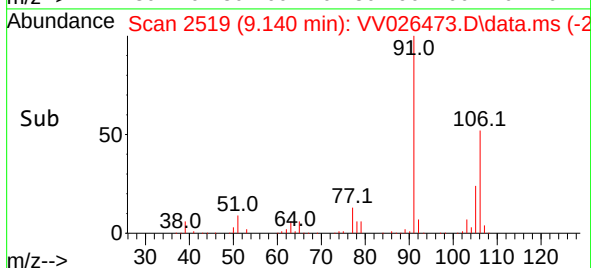
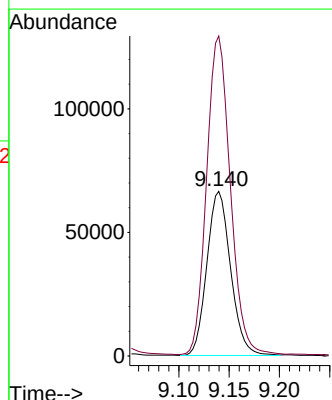
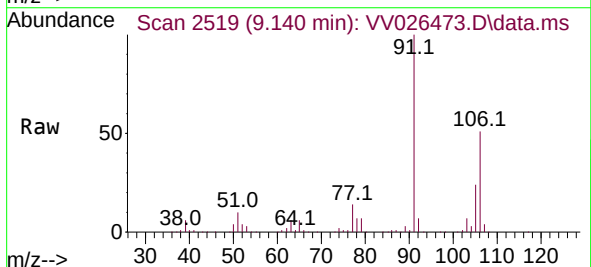
Instrument :
MSVOA_V
ClientSampleId :

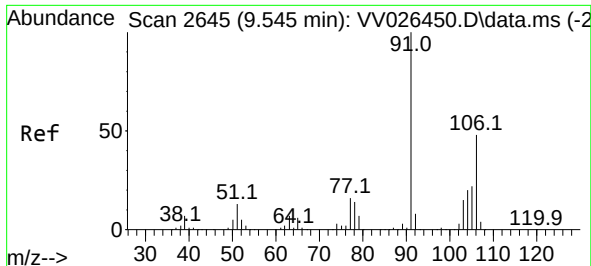
Tgt Ion: 91 Resp: 270923
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 5.804 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

Tgt Ion: 106 Resp: 109204
Ion Ratio Lower Upper
106 100
91 194.3 141.3 262.3

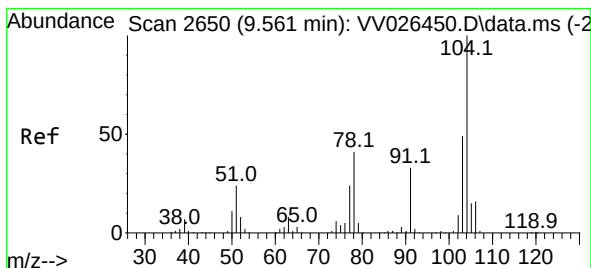
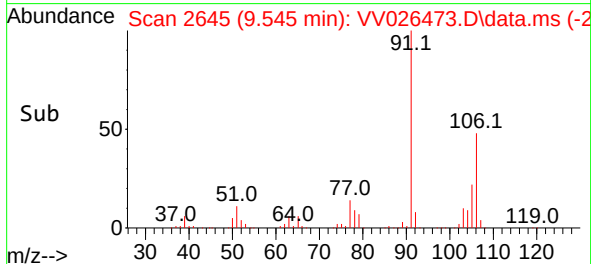
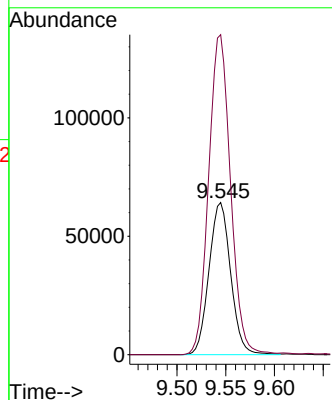
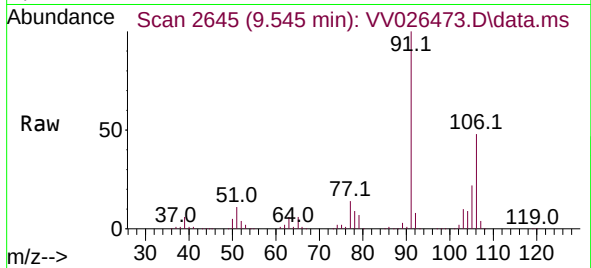




#54
o-Xylene
Concen: 5.459 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

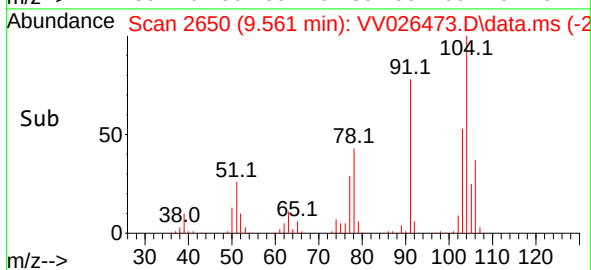
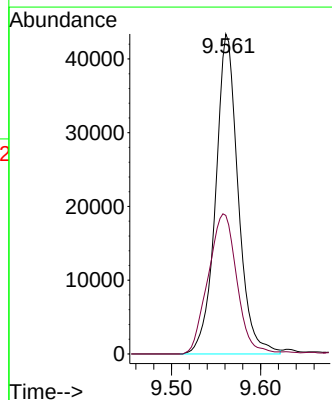
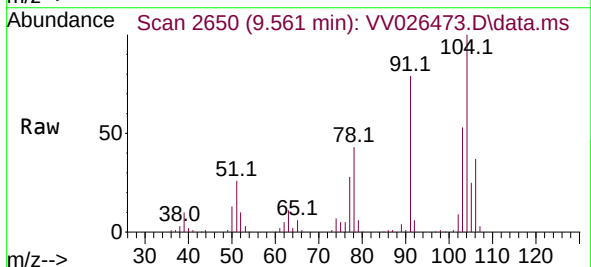
Instrument :
MSVOA_V
ClientSampleId :

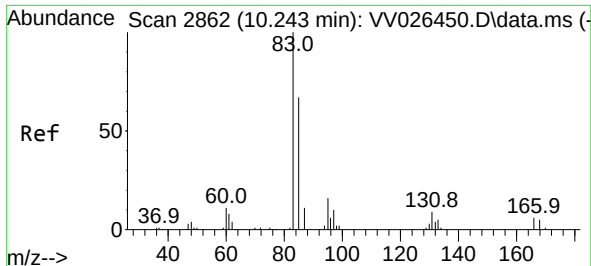
Tgt Ion:106 Resp: 99496
Ion Ratio Lower Upper
106 100
91 210.3 143.3 266.1



#55
Styrene
Concen: 2.495 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

Tgt Ion:104 Resp: 76363
Ion Ratio Lower Upper
104 100
78 43.3 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 6.302 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026473.D

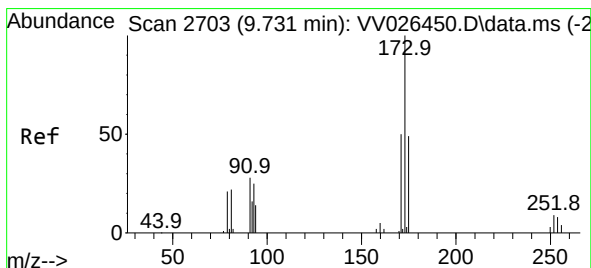
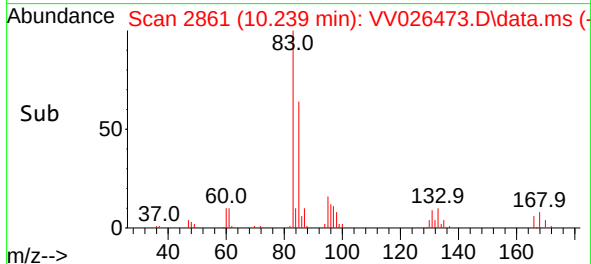
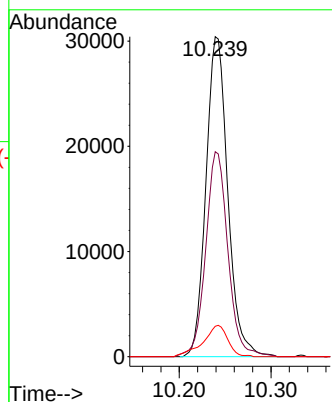
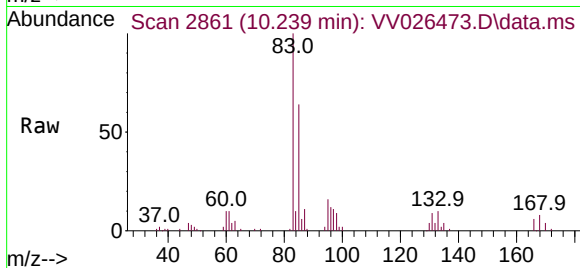
Acq: 21 Jun 2022 02:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	50244
Ion	Ratio	Lower	Upper
83	100		
85	64.0	47.1	87.5
131	9.5	7.7	11.5



#59

Bromoform

Concen: 4.913 ug/L

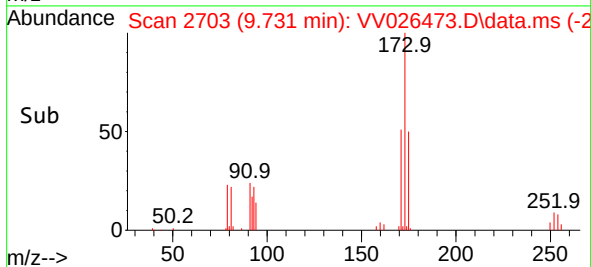
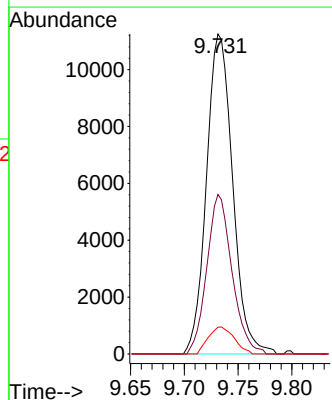
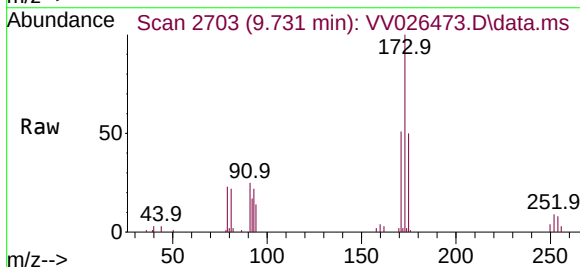
RT: 9.731 min Scan# 2703

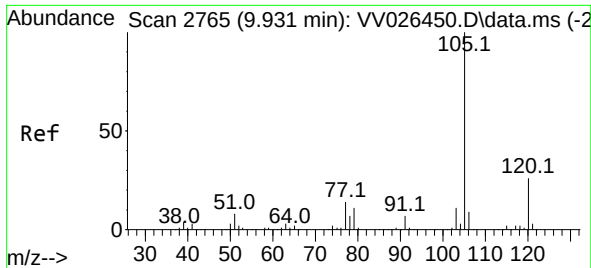
Delta R.T. -0.000 min

Lab File: VV026473.D

Acq: 21 Jun 2022 02:11

Tgt Ion:	173	Resp:	19041
Ion	Ratio	Lower	Upper
173	100		
175	47.9	38.3	57.5
254	8.3	6.9	10.3

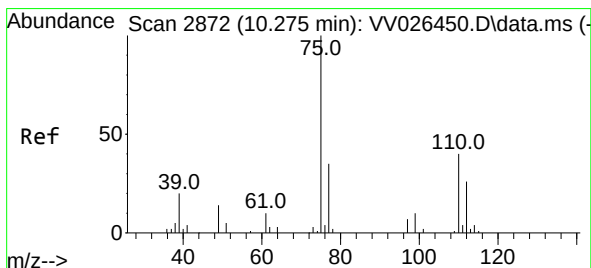
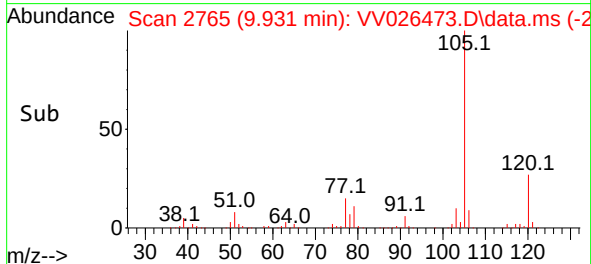
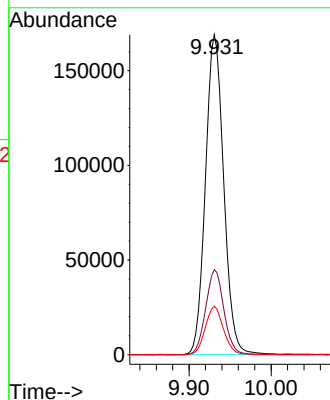
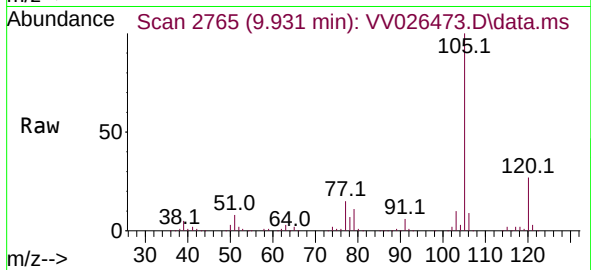




#60
Isopropylbenzene
Concen: 5.565 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

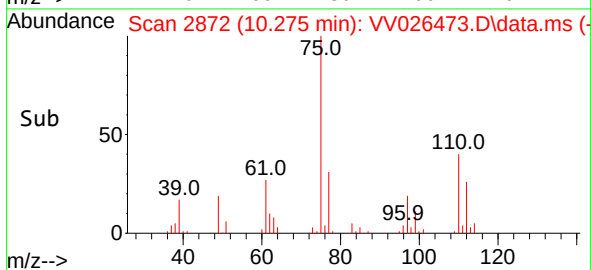
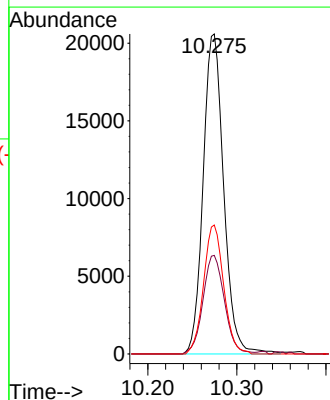
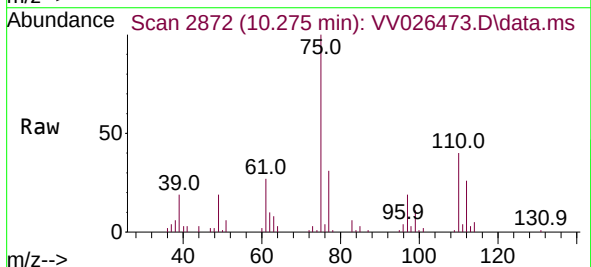
Instrument :
MSVOA_V
ClientSampleId :

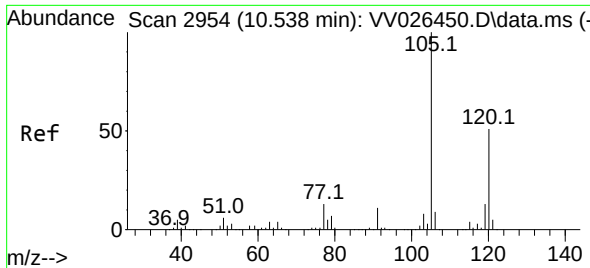
Tgt Ion:105 Resp: 261885
Ion Ratio Lower Upper
105 100
120 26.4 21.5 32.3
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.749 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

Tgt Ion: 75 Resp: 32934
Ion Ratio Lower Upper
75 100
77 32.2 26.9 40.3
110 39.3 30.7 46.1

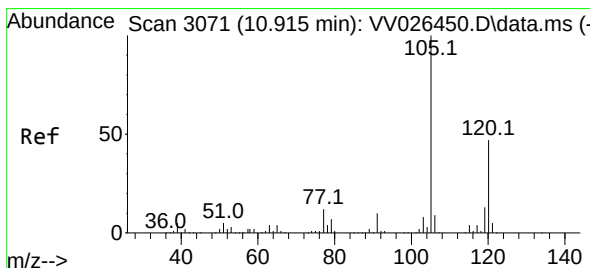
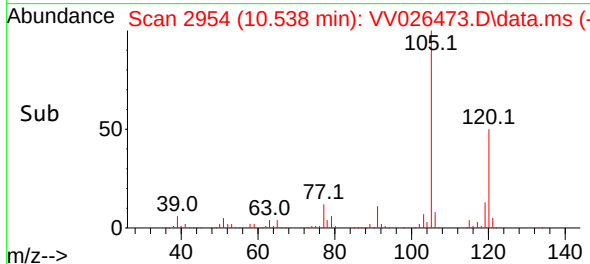
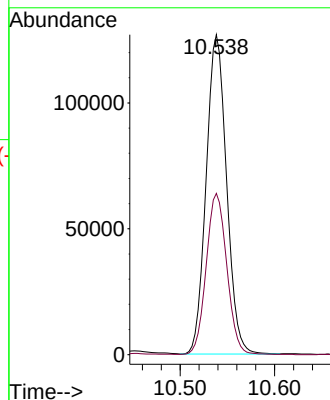
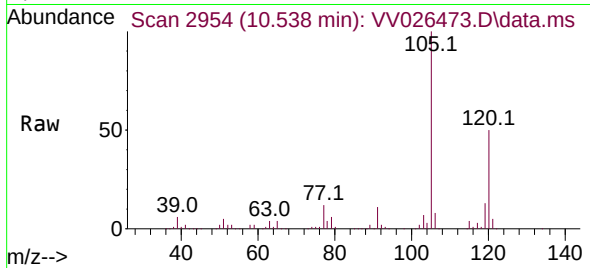




#62
 1,3,5-Trimethylbenzene
 Concen: 5.091 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026473.D
 Acq: 21 Jun 2022 02:11

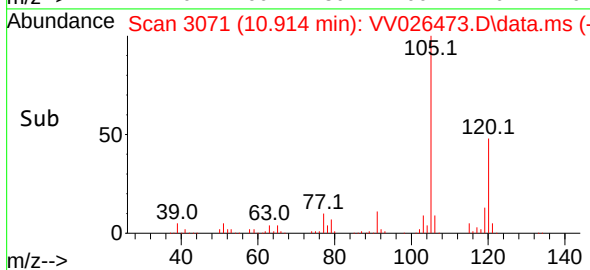
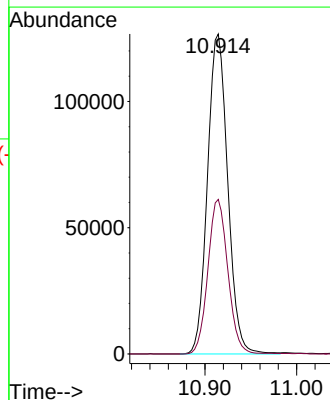
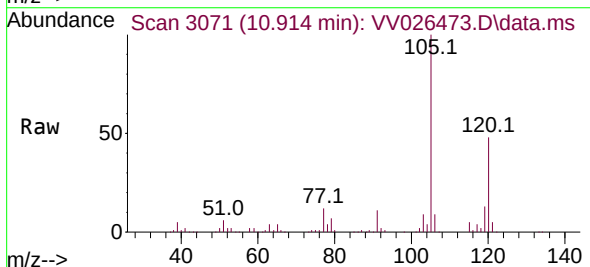
Instrument :
 MSVOA_V
 ClientSampleId :

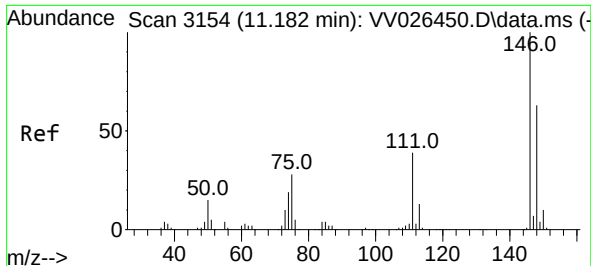
Tgt Ion:105 Resp: 190116
 Ion Ratio Lower Upper
 105 100
 120 51.3 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.250 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV026473.D
 Acq: 21 Jun 2022 02:11

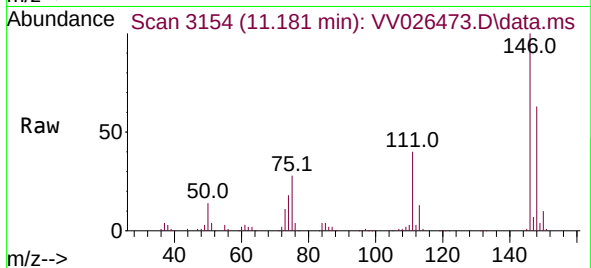
Tgt Ion:105 Resp: 194064
 Ion Ratio Lower Upper
 105 100
 120 47.7 36.9 55.3



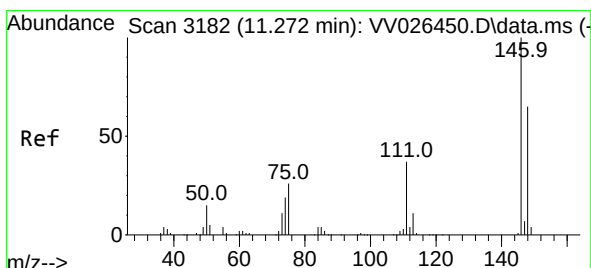
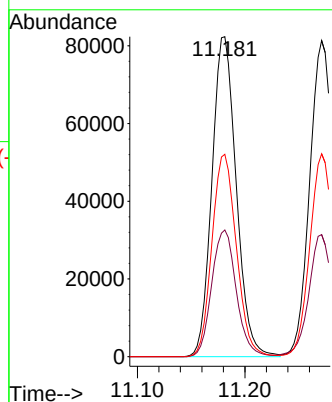
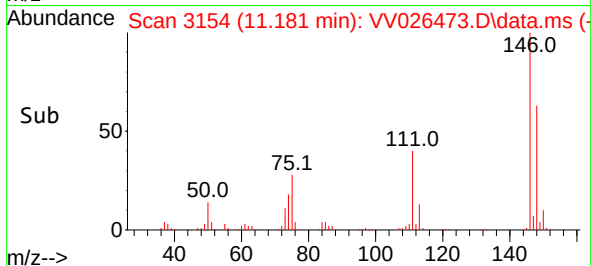


#64
1,3-Dichlorobenzene
Concen: 5.602 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

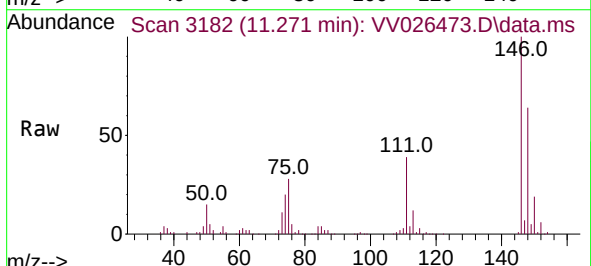
Instrument :
MSVOA_V
ClientSampleId :



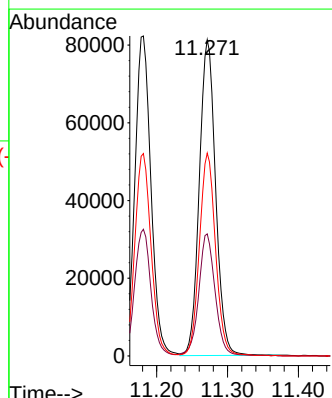
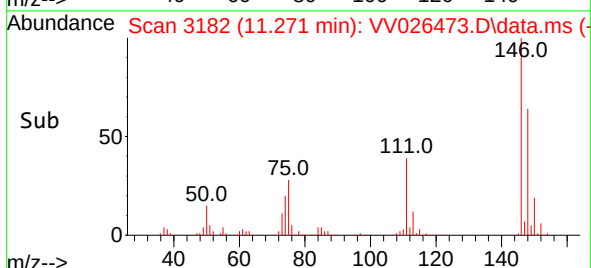
Tgt Ion:146 Resp: 129537
Ion Ratio Lower Upper
146 100
111 39.6 27.8 51.6
148 63.3 44.9 83.3

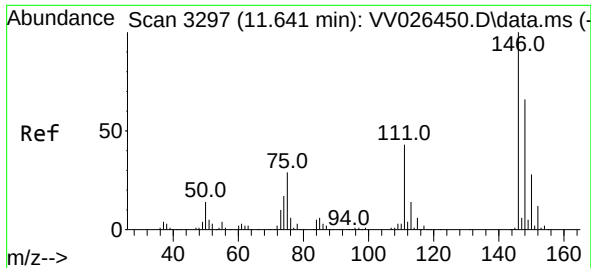


#65
1,4-Dichlorobenzene
Concen: 5.519 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11



Tgt Ion:146 Resp: 129687
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.7
148 64.2 43.3 80.3

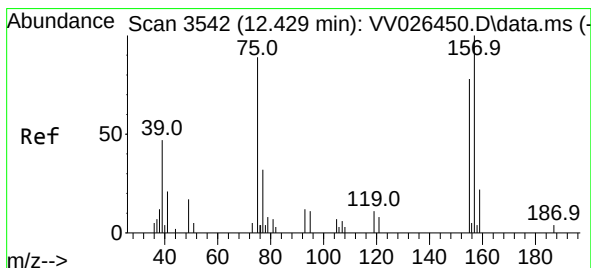
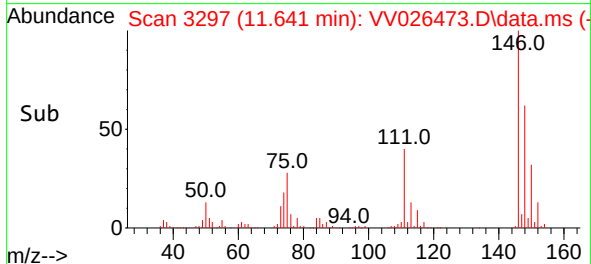
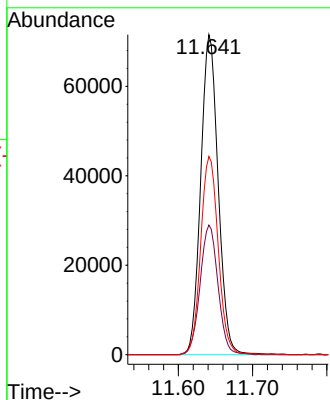
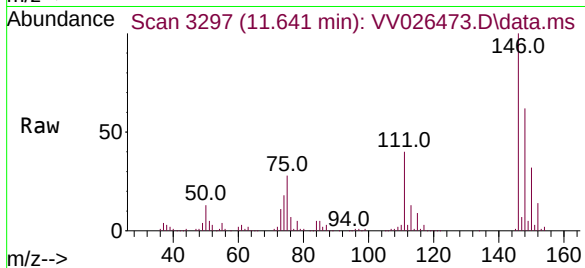




#67
1,2-Dichlorobenzene
Concen: 5.688 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

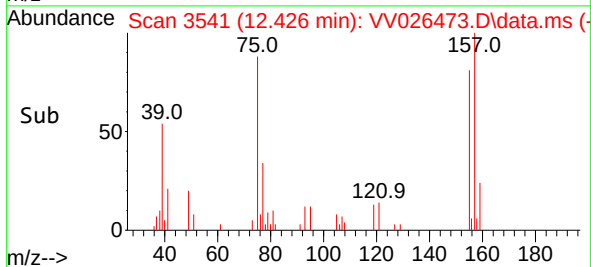
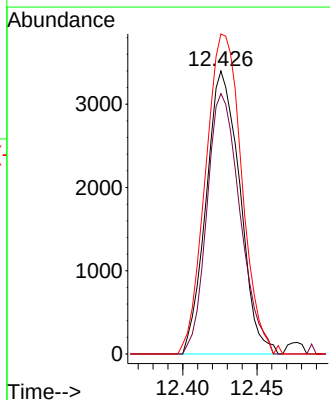
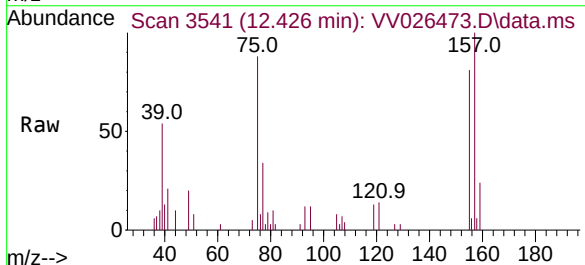
Instrument :
MSVOA_V
ClientSampleId :

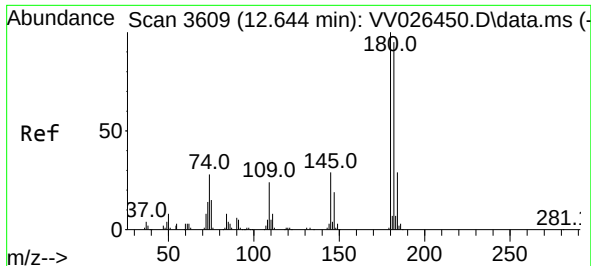
Tgt Ion:146 Resp: 116491
Ion Ratio Lower Upper
146 100
111 40.5 33.8 50.8
148 61.9 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.278 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

Tgt Ion: 75 Resp: 5356
Ion Ratio Lower Upper
75 100
155 92.0 63.7 95.5
157 113.1 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 4.716 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

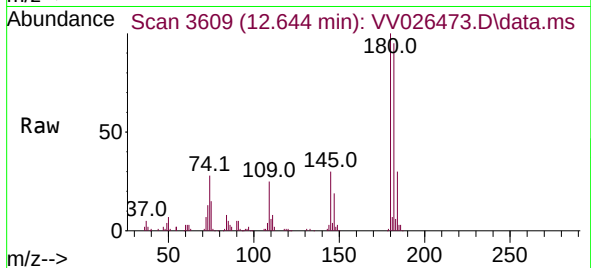
Lab File: VV026473.D

Acq: 21 Jun 2022 02:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 78851

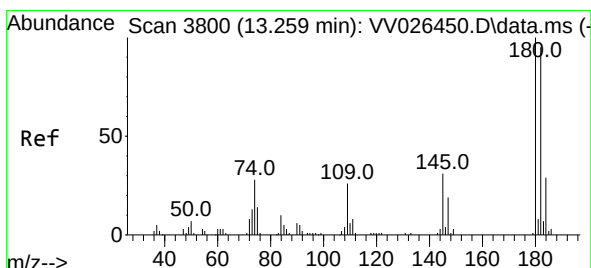
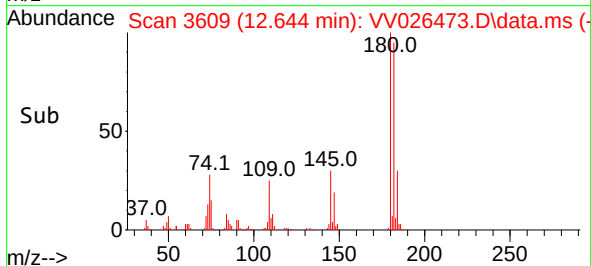
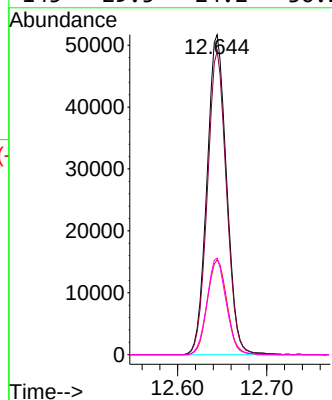
Ion Ratio Lower Upper

180 100

182 92.4 75.5 113.3

184 29.7 23.7 35.5

145 29.5 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 4.599 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026473.D

Acq: 21 Jun 2022 02:11

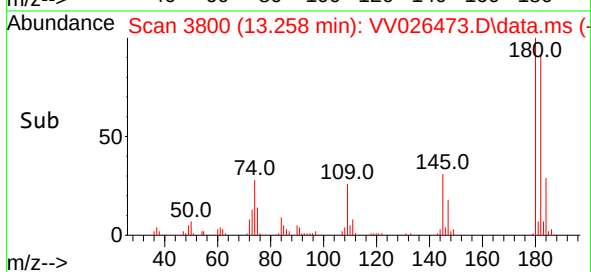
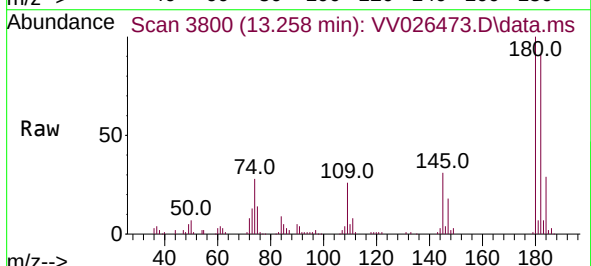
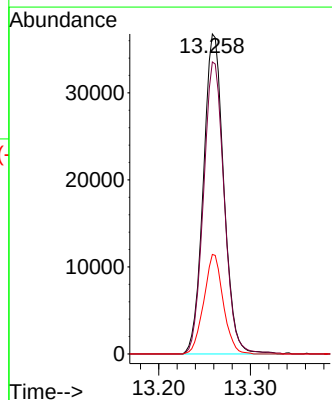
Tgt Ion:180 Resp: 56716

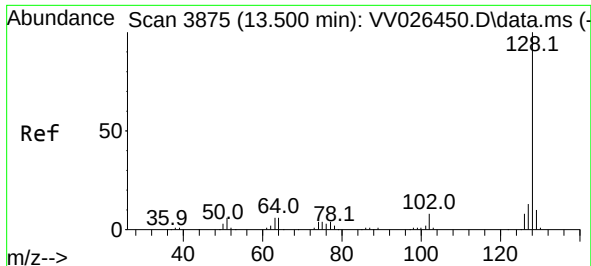
Ion Ratio Lower Upper

180 100

182 92.5 76.2 114.2

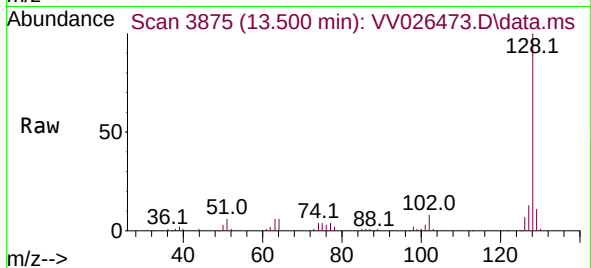
145 29.6 23.9 35.9



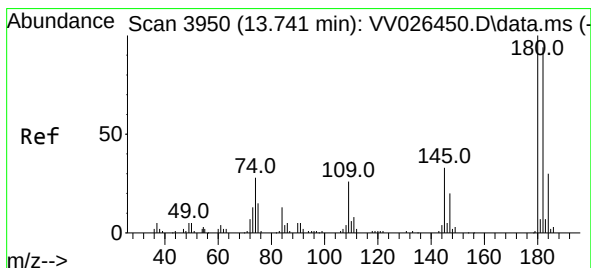
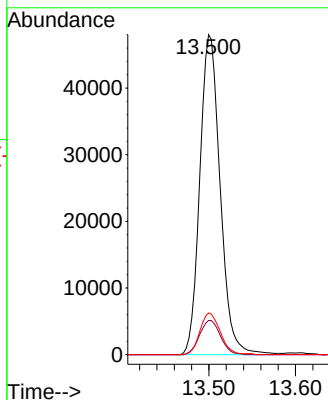
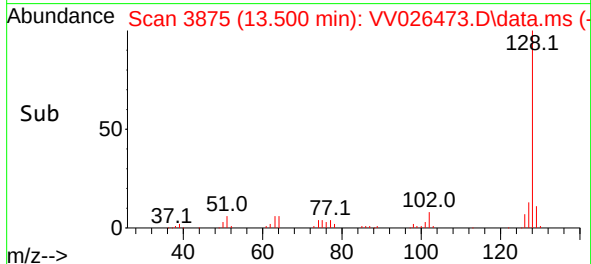


#71
Naphthalene
Concen: 4.566 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11

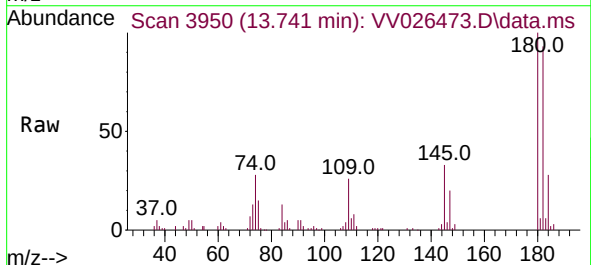
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 78184
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.531 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026473.D
Acq: 21 Jun 2022 02:11



Tgt Ion:180 Resp: 46778
Ion Ratio Lower Upper
180 100
182 93.7 77.9 116.9
145 32.1 26.7 40.1

